



SANTIAGO NOGUERA PUCHOL

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

summary of scientific career and spertises fields -

I started my research trajectory in the field of nuclear physics, studying the conservation of the mirror symmetry in nuclear reactions, distinguishing the contributions of the composite nucleus and the interaction particle-nucleus (main results of Nucl. Phys. A457, 189 (1986) and Nucl. Phys. A598, 139 (1996)) and double beta decay processes, clarifying the role of the SU(4) symmetry (main results of Z. Phys. C46, 323 (1990) and Z. Phys C51, 499 (1991)).

My research evolved towards the study of hadronic models, analyzing the effect of the three-body forces and studying baryonic decays (main results in Z. Phys A343, 331 (1992) and Nucl. Phys. A603, 257 (1996)).

Additionally, I addressed the study of chiral models applied to different aspects, such as charmed decays (main results in Eur. Phys. J. C27(2003) 243); the study of amplitudes and parton distributions (main results in Eur. Phys. J. A20, 483 (2004), Eur. Phys. J. A28, 227 (2006), Phys. Rev.

D76:094026 (2007), Eur. Phys. J. A46, 197 (2010), JHEP 11(2015)102) and the study of non-local chiral models (main results in Phys. Rev. D78:114002 (2008)).

In recent years my research has focused on the study of hadronic matter in intense magnetic fields (main results published in Phys. Rev. D95:034013 (2017), Phys Rev D100:054014 (2019), e-print 2412.18632(2024)).

SANTIAGO NOGUERA PUCHOL

Surname(s): **NOGUERA PUCHOL**
Name: **SANTIAGO**
DNI: **22519353F**
ORCID: **0000-0001-8683-1451**
Date of birth: **03/08/1954**
Gender: **Male**
Nationality: **Spain**
Country of birth: **Spain**
Contact address: **Físicas, Bloque D, 4405**
Postcode: **46100**
Contact country: **Spain**
Contact city: **Burjassot**
Land line phone: **963544511 -**
Email: **santiago.noguera@uv.es**

Current professional situation

Employing entity: Universitat de València

Department: FACULTY OF PHYSICS, INSTITUT DE FÍSICA CORPUSCULAR (IFIC)

Professional category: EMÉRITO U.

City employing entity: Burjassot, Spain

Phone: 963544511

Email: santiago.noguera@uv.es

Start date: 01/09/2024

Type of contract: Emeritus

Dedication regime: Part time

Performed tasks: FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB

Previous positions and activities

	Employing entity	Professional category	Start date
1	Departamento de Física Teórica / Universidad de Valencia	Catedrático de Universidad.	15/11/2009
2	Departamento de Física Teórica / Universidad de Valencia	Profesor Titular de Universidad	02/01/1985
3	Institut de Physique Nucleaire (IPN) Orsay (Francia)	Estancia postdoctoral	01/09/1984
4	Departamento de Física Teórica / Universidad de Valencia	Adjunto contratado	01/10/1983
5	Institut Laue-Langevin (ILL) Grenoble (Francia)	Estancia postdoctoral.	01/09/1982
6	Departamento de Física Teórica / Universidad de Valencia	Ayudante de clases prácticas	01/04/1983
7		Adjunto interino	01/02/1982

	Employing entity	Professional category	Start date
	Departamento Física Teórica / Universidad de Valencia		
8	Departamento Física Teórica / Universidad de Valencia	Ayudante de clases prácticas	01/12/1977
9	Departamento Física Teórica / Universidad de Valencia	Profesor Emérito	01/09/2024

- 1** **Employing entity:** Departamento de Física Teórica / Universidad de Valencia
Professional category: Catedrático de Universidad.
Start-End date: 15/11/2009 - 31/08/2024 **Duration:** 14 years - 9 months - 17 days
- 2** **Employing entity:** Departamento de Física Teórica / Universidad de Valencia
Professional category: Profesor Titular de Universidad
Start-End date: 02/01/1985 - 14/11/2009 **Duration:** 24 years - 10 months - 13 days
- 3** **Employing entity:** Institut de Physique Nucleaire (IPN) Orsay (Francia)
Professional category: Estancia postdoctoral
Start-End date: 01/09/1984 - 31/07/1985 **Duration:** 11 months
- 4** **Employing entity:** Departamento de Física Teórica / Universidad de Valencia
Professional category: Adjunto contratado
Start-End date: 01/10/1983 - 01/01/1985 **Duration:** 1 year - 3 months - 1 day
- 5** **Employing entity:** Institut Laue-Langevin (ILL) Grenoble (Francia)
Professional category: Estancia postdoctoral.
Start-End date: 01/09/1982 - 31/08/1984 **Duration:** 2 years
- 6** **Employing entity:** Departamento de Física Teórica / Universidad de Valencia
Professional category: Ayudante de clases prácticas
Start-End date: 01/04/1983 - 30/09/1983 **Duration:** 6 months
- 7** **Employing entity:** Departamento Física Teórica / Universidad de Valencia
Professional category: Adjunto interino
Start-End date: 01/02/1982 - 31/03/1983 **Duration:** 1 year - 2 months
- 8** **Employing entity:** Departamento Física Teórica / Universidad de Valencia
Professional category: Ayudante de clases prácticas
Start-End date: 01/12/1977 - 31/01/1982 **Duration:** 4 years - 2 months
- 9** **Employing entity:** Departamento Física Teórica / Universidad de Valencia
Professional category: Profesor Emérito
Start date: 01/09/2024



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Diploma / Degree / Activities
Name of qualification: Licenciado en Ciencias Físicas
City degree awarding entity: Spain
Degree awarding entity: Universitat de València
Date of qualification: 30/09/1977

Doctorates

Degree awarding entity: Universitat de València **Type of entity:** University
City degree awarding entity: Spain
Date of degree: 20/01/1982
Thesis title: Violación de Paridad en la Dispersión de Neutrones por Núcleos
Thesis director: José Bernabéu
Obtained qualification: Excellent Cum Laude

Teaching experience

General teaching experience

- 1 Type of teaching:** Official teaching
Name of the course: Mecánica II, 2º curso, teoría y problemas. Grado de Física
Type of programme: Teaching in grade
Entity: Universitat de València
- 2 Type of teaching:** Official teaching
Name of the course: Algebra lineal y Geometría, 1º curso, teoría y problemas. Grado de Física
Type of programme: Teaching in first cycle
Entity: Universitat de València
- 3 Type of teaching:** Official teaching
Name of the course: Física General, 1º curso, problemas. Grado de Física
Type of programme: Teaching in first cycle
Entity: Universitat de València
- 4 Type of teaching:** Official teaching
Name of the course: Métodos Matemáticos de la Física II, 3º curso, teoría y problemas. Grado en Física
Type of programme: Teaching in second cycle



Entity: Universitat de València

5 Type of teaching: Official teaching

Name of the course: Mecánica Cuántica, 4º curso, teoría y problemas. Grado en Física

Type of programme: Teaching in second cycle

Entity: Universitat de València

6 Type of teaching: Official teaching

Name of the course: Teoría Nuclear, 5º curso, teoría y problemas. Grado en Física

Type of programme: Teaching in second cycle

Entity: Universitat de València

7 Type of teaching: Official teaching

Name of the course: Teoría Cuántica de Campos, 5º curso, teoría y problemas. Grado en Física

Type of programme: Teaching in second cycle

Entity: Universitat de València

8 Type of teaching: Official teaching

Name of the course: Técnicas Experimentales de Física General, 1º curso, laboratorio. Grado en Física

Type of programme: Teaching in first cycle

Entity: Universitat de València

9 Type of teaching: Official teaching

Name of the course: Métodos Matemáticos III, 2º curso, problemas. Grado en Física

Type of programme: Teaching in first cycle

Entity: Universitat de València

10 Type of teaching: Official teaching

Name of the course: Técnicas Experimentales de Física Cuántica, 3º curso, laboratorio. Grado en Física

Type of programme: Teaching in second cycle

Entity: Universitat de València

11 Type of teaching: Official teaching

Name of the course: Mecánica Teórica. 4º curso, teoría y problemas. Grado en Física

Type of programme: Teaching in second cycle

Entity: Universitat de València

12 Type of teaching: Official teaching

Name of the course: Física General, 1º curso, problemas. Licenciatura en Biológicas

Type of programme: Teaching in first cycle

Entity: Universitat de València

13 Type of teaching: Official teaching

Name of the course: Laboratorio de Física General. Licenciatura en Biológicas

Type of programme: Teaching in first cycle

Entity: Universitat de València

14 Type of teaching: Official teaching

Name of the course: Teoría Cuántica de Campos I. Licenciatura en Física

Type of programme: Teaching in third cycle



Entity: Universitat de València

15 Type of teaching: Official teaching

Name of the course: Métodos no perturbativos. Licenciatura en Física

Type of programme: Teaching in third cycle

Entity: Universitat de València

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Measurement of the photon electroproduction cross section at JLab with the goal performing a Rosenbluth separation of the DVCS contribution

Type of project: Doctoral thesis

Entity: Universitat de València

City of entity: Spain

Student: Alejandro Miguel Martí Jiménez-Argüello

Obtained qualification: Excellent Cum Laude

Date of reading: 2014

- 2 Project title:** Distribuciones generalizadas de patrones en piones. Estructura de espín de hadrones

Type of project: Doctoral thesis

Entity: Universitat de València

City of entity: Spain

Student: Aurore Courtoy

Obtained qualification: Excellent Cum Laude

Date of reading: 2009

- 3 Project title:** Pion-to-Photon Transition Distribution Amplitude in the Nambu-Jona-Lasinio Model

Type of project: Research work of 12 credits

Entity: Universitat de València

City of entity: Spain

Student: Aurore Courtoy

Obtained qualification: Excellent

Date of reading: 2007

- 4 Project title:** Dinámica de vértices en medios con simetría discretas

Type of project: Research work of 12 credits

Entity: Universitat de València

City of entity: Spain

Student: Emma Merino Cué

Obtained qualification: Excellent

Date of reading: 2007

- 5 Project title:** Estudio de diversos métodos de cálculo y de las contribuciones de las distintas partes del potencial en la amplitud de desintegración beta-beta-2-neutrinos del ^{48}Ca .

Type of project: Doctoral thesis

Entity: Universitat de València

City of entity: Spain

Student: María Teresa Capilla Romá

Obtained qualification: Excellent Cum Laude

Date of reading: 2000



- 6** **Project title:** Modelos de bariones y funciones de distribución en 1+1 dimensiones.
Type of project: Working Master or third cycle over 12 credits
Entity: Universitat de València
City of entity: Spain
Student: Roberto Medrano Sanía
Obtained qualification: Excellent
Date of reading: 2000
- 7** **Project title:** Estudio de un modelo gauge electrodébil para mesones y sus aplicaciones. Dimensiones anómalas a dos loops en HQET
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Gabriel Amorós Vicente
Obtained qualification: Excellent Cum Laude
Date of reading: 1998
- 8** **Project title:** Estudio del método de expansión de operadores en el cálculo de las amplitudes de las transiciones beta-beta
Type of project: Bachelor thesis
Entity: Universitat de València
City of entity: Spain
Student: María Teresa Capilla Romá
Obtained qualification: Excellent
Date of reading: 1997
- 9** **Project title:** Estudio de las mezclas K^0 -anti K^0 y D^0 -anti D^0 en un modelo gauge de interacciones electrodébiles.
Type of project: Bachelor thesis
Entity: Universitat de València
City of entity: Spain
Student: Gabriel Amorós Vicente
Obtained qualification: Excellent
Date of reading: 1996
- 10** **Project title:** estudio de un modelo gauge electrodébil para mesones y su aplicación a desintegraciones raras de kaones
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Jorge Portolés Ibañez
Obtained qualification: Excellent Cum Laude
Date of reading: 1991
- 11** **Project title:** Modelo de interacciones electrodébiles para mesones
Type of project: Bachelor thesis
Entity: Universitat de València
City of entity: Spain
Student: Jorge Portolés Ibañez
Obtained qualification: Excellent
Date of reading: 1988



Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** The strong interaction at the frontier of knowledge: Fundamental research and applications (STRONG-2020)
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Valencia, Spain
Name principal investigator (PI, Co-PI....): Juan Miguel Nieves Pamplona; Santiago Noguera Puchol
Funding entity or bodies: Comisión Europea **Type of entity:** **Altres organismes
City funding entity: Unknown
Code according to the funding entity: 824093 (INFRAIA-H2020)
Start-End date: 01/06/2019 - 31/07/2024 **Duration:** 5 years - 2 months
Participating entity/entities: Instituto de Física Corpuscular (IFIC), CSIC-Universitat de València
Total amount: 81.500 €
- 2** **Name of the project:** Understanding non-perturbative phenomena in fundamental physics
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Verónica Sanz, Daniel Figueroa
Funding entity or bodies: Conselleria d'Innovació, Universitats, Ciència i Societat Digital. Generalitat Valenciana **Type of entity:** **Comunitats Autònomes
City funding entity: Spain
Code according to the funding entity: GVA PROMETEO/2021/083
Start-End date: 2021 - 2024 **Duration:** 3 years - 1 day
Participating entity/entities: Universitat de València
Total amount: 469.106,2 €
- 3** **Name of the project:** MODELOS DE HADRONES, INTERACCIONES FUNDAMENTALES Y FISICA NUCLEAR
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Pedro González
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** **Ministeris
City funding entity: Madrid, Spain
Code according to the funding entity: PID2019-105439 GB-C21
Start-End date: 01/06/2020 - 01/06/2023 **Duration:** 3 years - 1 day
Participating entity/entities: Universitat de València



Total amount: 60.500 €

4 Name of the project: Física Hadrónica, Interacciones Fundamentales y Física Nuclear

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Pedro González Marhuenda

Funding entity or bodies:
MINECO

FEDER

Type of entity: **Ministeris

City funding entity: Spain

Code according to the funding entity: FPA2016-77177-C2-1-P

Start-End date: 30/12/2016 - 29/12/2019

Duration: 3 years

Participating entity/entities: Universitat de València

Total amount: 65.000 €

5 Name of the project: Ensamblado y protección de chips sobre 160 tarjetas electrónicas

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Noguera Puchol, S

Funding entity or bodies:

otros

Type of entity: **Altres organismes

City funding entity: Unknown

Start-End date: 13/04/2018 - 25/05/2018

Duration: 1 month - 13 days

Participating entity/entities: Universitat de València

Total amount: 12.480 €

6 Name of the project: Estructura quark de la materia

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

Dirección General de Investigación y Transferencia Tecnológica. Conselleria de Empresa, Universidad y Ciencia. Generalitat Valenciana.

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: PrometeoII/2014/066

Start-End date: 01/01/2014 - 31/12/2017

Duration: 4 years

Participating entity/entities: Universitat de València

Total amount: 149.220 €

7 Name of the project: Ensamblado de 320 tarjetas electrónicas

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Noguera Puchol, S

Funding entity or bodies:

otros

Type of entity: **Altres organismes



City funding entity: Unknown

Start-End date: 31/05/2017 - 13/07/2017

Duration: 1 month - 13 days

Participating entity/entities: Universitat de València

Total amount: 30.201,6 €

8 Name of the project: Ensamblado y protección de chips sobre 500 tarjetas electrónicas

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Noguera Puchol, S

Funding entity or bodies:

otros

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: 2016-523-00044210

Start-End date: 05/05/2016 - 16/06/2016

Duration: 1 month - 12 days

Participating entity/entities: Universitat de València

Total amount: 32.670 €

9 Name of the project: Estructura Hadrónica e Interacciones Fundamentales

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento

Funding entity or bodies:

MINECO. Ministerio de Economía y Competitividad

Type of entity: **Ministeris

City funding entity: Spain

Code according to the funding entity: FPA2013-47443-C1

Start-End date: 2014 - 2016

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València

10 Name of the project: study of Strongly Interacting Matter. HadronPhysics3

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

Unión Europea

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: Contract nº 283286

Start-End date: 01/01/2012 - 31/12/2014

Duration: 3 years

Participating entity/entities: Universitat de València

Total amount: 51.000 €

11 Name of the project: Centro nacional de física de partículas, astropartículas y nuclear.

Entity where project took place: Consejo Superior de Investigaciones Científicas (CSIC)

Type of entity: **Centres de Recerca

City of entity: Spain

Name principal investigator (PI, Co-PI....): Antonio Pich Zardoya

Funding entity or bodies:



Ministerio de Ciencia y Tecnología.

Type of entity: **Ministeris

City funding entity: Spain

Code according to the funding entity: CSD2007-00042

Start-End date: 01/10/2007 - 31/12/2014

Duration: 7 years - 3 months

Participating entity/entities: Consejo Superior de Investigaciones Científicas (CSIC)

Total amount: 10.000.000 €

12 Name of the project: Modelos hadrónicos, interacciones fundamentales y física nuclear.

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Pedro Gonzalez Marhuenda

Funding entity or bodies:

Ministerio de Educación y Ciencia. Dirección General de Investigación Científica y Técnica

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: FPA2010-21750-C02-01

Start-End date: 01/01/2011 - 31/12/2013

Duration: 3 years

Participating entity/entities: Universitat de València

Total amount: 138.787 €

13 Name of the project: Estructura quark de la materia

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Nº of researchers: 6

Funding entity or bodies:

Generalitat Valenciana. Direcció General d'Universitats i Investigació

Type of entity: **Altres organismes

City funding entity: Unknown

Direcció General d'Investigació i Transferència Tecnològica

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: 2009/129 PROMETEO

Start-End date: 01/01/2009 - 31/12/2013

Duration: 5 years

Participating entity/entities: Universitat de València

Total amount: 297.480 €

14 Name of the project: Temas de cromodinámica cuántica no perturbativa

Entity where project took place: Universitat de València - Dpto. de Física Teórica

Type of entity: **Altres organismes

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Nº of researchers: 4

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: **Ministeris

City funding entity: Madrid, Spain

Subdirección General de Cooperación Internacional

Type of entity: **Ministeris



City funding entity: Spain

Code according to the funding entity: AIC10-D-000588

Start-End date: 01/01/2011 - 31/12/2011

Duration: 1 year

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

Total amount: 3.900 €

15 Name of the project: Study of Strongly Interacting Matter. Hadronphysics2

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

Unión Europea

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: Contract nº 227431

Start-End date: 01/01/2009 - 31/12/2011

Duration: 3 years

Participating entity/entities: Universitat de València

Total amount: 79.650 €

16 Name of the project: Estructura de los nucleones, mesones y núcleos ligeros

Entity where project took place: Universitat de València - Dpto. de Física Teórica

Type of entity: **Altres organismes

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento Torres

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: **Ministeris

City funding entity: Madrid, Spain

Code according to the funding entity: AIC10-D000577

Start-End date: 30/12/2010 - 30/12/2011

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

Total amount: 2.300 €

17 Name of the project: Modelos hadrónicos, interacciones fundamentales y física nuclear.

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Pedro González Marhuenda

Funding entity or bodies:

Ministerio de Educación y Ciencia. Dirección General de Investigación Científica y Técnica

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: FPA2007-65748-C02-01

Start-End date: 01/10/2007 - 04/10/2010

Duration: 3 years - 4 days

Participating entity/entities: Universitat de València

Total amount: 71.800 €

18 Name of the project: Temas de cromodinámica cuántica no-perturbativa

Entity where project took place: Universitat de València

Type of entity: **Universitats



City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Nº of researchers: 4

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: **Ministeris

City funding entity: Madrid, Spain

Code according to the funding entity: FPA2008-04810-E

Start-End date: 01/06/2009 - 30/06/2010

Duration: 1 year - 1 month

Participating entity/entities: Universitat de València

Total amount: 3.000 €

19 Name of the project: Estructura del nucleón y núcleos ligeros

Entity where project took place: Universitat de València - Dpto. de Física Teórica

Type of entity: **Altres organismes

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento Torres

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: **Ministeris

City funding entity: Madrid, Spain

Code according to the funding entity: FPA2008-03646-E

Start-End date: 2009 - 2010

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

Total amount: 2.200 €

20 Name of the project: Intercambio de investigadores dentro del ámbito de la Física Nuclear y de Partículas elementales

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento Torres

Funding entity or bodies:

Ministerio de Ciencia e Innovación. Dirección General de programas y transferencia del conocimiento

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: INFN 08-08

Start-End date: 11/06/2008 - 11/06/2009

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

Total amount: 3.700 €

21 Name of the project: Fenomenología y cosmología no estandar

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Gabriela Barenboim

Funding entity or bodies:

MEC - Ministerio de Educación y Ciencia

Type of entity: **Altres organismes

City funding entity: Unknown

Dirección General de Investigación. MEC.

Type of entity: **Altres organismes

City funding entity: Unknown



Code according to the funding entity: ARGEN2007-013

Start-End date: 01/02/2008 - 31/01/2009

Duration: 1 year

Participating entity/entities: Universitat de València

Total amount: 4.800 €

- 22 Name of the project:** Study of Strongly Interacting Matter. Hadronphysics
Entity where project took place: Universitat de València
Type of entity: **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Funding entity or bodies: Unión Europea
Type of entity: **Altres organismes
City funding entity: Unknown

Code according to the funding entity: Contract nº 506078

Start-End date: 01/02/2004 - 31/12/2008

Duration: 4 years - 11 months

Participating entity/entities: Universitat de València

Total amount: 115.000 €

- 23 Name of the project:** Modelos hadrónicos, interacciones fundamentales y física nuclear.
Entity where project took place: Universitat de València
Type of entity: **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Nº of researchers: 5
Funding entity or bodies: Programa Nacional de Física de Altas Energías
Type of entity: **Energia
City funding entity: Spain

Code according to the funding entity: FPA2004-05616-C02-01

Start-End date: 01/01/2004 - 31/12/2007

Duration: 4 years

Participating entity/entities: Universitat de València

Total amount: 64.300 €

- 24 Name of the project:** I3 Hadron Physics
Entity where project took place: Universitat de València
Type of entity: **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Funding entity or bodies: Conselleria de Empresa, Universidad y Ciencia, Generalitat Valenciana
Type of entity: **Altres organismes
City funding entity: Unknown
Direcció General d'Investigació i Transferencia Tecnològica
Type of entity: **Altres organismes
City funding entity: Unknown
Code according to the funding entity: ACOMP06/226
Start-End date: 01/01/2006 - 31/12/2006
Duration: 1 year
Participating entity/entities: Universitat de València
Total amount: 15.588 €



- 25** **Name of the project:** Propiedades electromagnéticas de bariones y relatividad
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Funding entity or bodies: CICYT-IN2P3 (Institut National de Physique Nucléaire et de Physique des Particules) **Type of entity:** **Instituts
City funding entity: France
Code according to the funding entity: IN2P3-2002
Start-End date: 01/01/2002 - 31/12/2005 **Duration:** 4 years
Participating entity/entities: Universitat de València
Total amount: 2.760 €
- 26** **Name of the project:** Estructura y dinámica hadrónicas
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Nº of researchers: 5
Funding entity or bodies: Oficina de Ciencia y Tecnología de la Generalitat Valenciana **Type of entity:** **Altres organismes
City funding entity: Unknown
Code according to the funding entity: GRUPOS03/94
Start-End date: 2003 - 2005 **Duration:** 2 years - 1 day
Participating entity/entities: Universitat de València
Total amount: 39.588,82 €
- 27** **Name of the project:** Modelos Hadrónicos. Interacciones Fundamentales y Física Nuclear. P.N.I.C.D.I.T.
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Nº of researchers: 2
Funding entity or bodies: Ministerio de Ciencia y Tecnología. **Type of entity:** **Ministeris
City funding entity: Spain
Code according to the funding entity: BFM2001-3563
Start-End date: 2001 - 2004 **Duration:** 3 years - 1 day
Participating entity/entities: Universitat de València
Total amount: 26.745,02 €
- 28** **Name of the project:** Electron Scattering Off confined Partons
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol
Nº of researchers: 5
Funding entity or bodies:



Unión Europea

City funding entity: Unknown

Type of entity: **Altres organismes

Code according to the funding entity: HPRN-CT-2000-00130

Start-End date: 2000 - 2003

Duration: 3 years - 1 day

Participating entity/entities: Universitat de València

Total amount: 135.000 €

29 Name of the project: Interacciones débiles en núcleos. Propiedades electromagnéticas de Bariones

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

CICYT-IN2P3 (Institut National de Physique Nucléaire et de Physique des Particules)

Type of entity: **Instituts

City funding entity: France

Start-End date: 01/01/1999 - 31/12/2001

Duration: 3 years

Participating entity/entities: Universitat de València

30 Name of the project: Modelos hadrónicos, interacciones fundamentales y física nuclear.

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: DGICYT PB-97-1401-C02-01

Start-End date: 01/01/1998 - 31/12/2001

Duration: 4 years

Participating entity/entities: Universitat de València

Total amount: 16.227,33 €

31 Name of the project: High Energy Hadronic Physics with Electromagnetic Probes.

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

ACCIONES ESPECIALES MCYT

Type of entity: **Altres organismes

City funding entity: Unknown

Start-End date: 01/01/2000 - 31/12/2000

Duration: 1 year

Participating entity/entities: Universitat de València

32 Name of the project: Hadronic Physics with High Energy Electromagnetic Probes

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

**Funding entity or bodies:**

Unión Europea

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** ERB FMRX-CT96-0080**Start-End date:** 01/08/1996 - 31/08/2000**Duration:** 4 years - 1 month**Participating entity/entities:** Universitat de València**Total amount:** 150.000 €**33 Name of the project:** Interacciones fundamentales y física nuclear.**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Santiago Noguera Puchol**Nº of researchers:** 4**Funding entity or bodies:**

Ministerio de Ciencia y Tecnología, Dirección General de Investigación

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** DGICYT PB-95-1096**Start-End date:** 01/01/1996 - 31/12/1998**Duration:** 3 years**Participating entity/entities:** Universitat de València**Total amount:** 12.020,24 €**34 Name of the project:** Interacciones débiles en núcleos. Propiedades electromagnéticas de Bariones**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Santiago Noguera Puchol**Funding entity or bodies:**

CICYT-IN2P3 (Institut National de Physique Nucléaire et de Physique des Particules)

Type of entity: **Instituts**City funding entity:** France**Start-End date:** 01/01/1996 - 31/12/1998**Duration:** 3 years**Participating entity/entities:** Universitat de València**35 Name of the project:** Efectos asociados con la teoría estandar en física de partículas y nuclear**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Vicente Vento Torres**Funding entity or bodies:**

caicyt

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** PB-94-0080**Start-End date:** 1995 - 1997**Duration:** 2 years - 1 day**Participating entity/entities:** Universitat de València - Dpto. de Física Teórica**36 Name of the project:** Desintegración doble beta y espectroscopía de bariones**Entity where project took place:** Universitat de València**Type of entity:** **Universitats



City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

CICYT-IN2P3 (Institut National de Physique Nucléaire et de Physique des Particules) **Type of entity:** **Instituts

City funding entity: France

Start-End date: 01/01/1990 - 31/12/1995

Duration: 6 years

Participating entity/entities: Universitat de València

37 Name of the project: Interacciones fundamentales y sus implicaciones fenomenológicas

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): José Bernabéu Alberola

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT)

Type of entity: **Ministeris

City funding entity: Spain

Code according to the funding entity: AEN-93-0234

Start-End date: 1993 - 1995

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

38 Name of the project: Efectos asociados con la teoría estandar en física nuclear

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento Torres

Funding entity or bodies:

caicyt

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: PB-91-0119-C02-01

Start-End date: 1992 - 1994

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

39 Name of the project: Interacciones fundamentales y sus implicaciones fenomenológicas

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): José Bernabéu Alberola

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT)

Type of entity: **Ministeris

City funding entity: Spain

Code according to the funding entity: AEN-89-0348

Start-End date: 1990 - 1992

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

40 Name of the project: Efectos de la Subestructura hadrónica en física nuclear

Entity where project took place: Universitat de València

Type of entity: **Universitats



City of entity: Unknown

Name principal investigator (PI, Co-PI....): Vicente Vento Torres

Funding entity or bodies:

caicyt

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: PB-88-0064

Start-End date: 1989 - 1991

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

41 Name of the project: Física de energías intermedias

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

CICYT-INFN (Istituto Nazionale di Fisica Nucleare)

Type of entity: **Altres organismes

City funding entity: Spain

Start-End date: 1989 - 1991

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València

42 Name of the project: La estructura de los nucleones en los núcleos

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

Dirección General de Investigación Científica y Técnica (DGICYT)

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: HF 101/90

Start-End date: 01/01/1990 - 31/12/1990

Duration: 1 year

Participating entity/entities: Universitat de València

43 Name of the project: Desintegración doble beta y estructura de los nucleones en los núcleos

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Funding entity or bodies:

CICYT-IN2P3 (Institut National de Physique Nucléaire et de Physique des Particules)

Type of entity: **Instituts

City funding entity: France

Start-End date: 01/01/1989 - 31/12/1989

Duration: 1 year

Participating entity/entities: Universitat de València

44 Name of the project: La estructura de los nucleones en los núcleos

Entity where project took place: Universitat de València

Type of entity: **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

**Funding entity or bodies:**

Acción Integrada Franco-Española

Type of entity: **Altres organismes**City funding entity:** Unknown

Dirección General de Investigación Científica y Técnica (DGICYT)

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** 77/89**Start-End date:** 01/01/1989 - 31/12/1989**Duration:** 1 year**Participating entity/entities:** Universitat de València**45 Name of the project:** Interacciones fundamentales y sus implicaciones fenomenológicas**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** José Bernabéu Alberola**Funding entity or bodies:**

Proyecto de investigación y desarrollo tecnológico programas nacionales. Plan nacional I+D-CICYT

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** ref AE-88-0021**Start-End date:** 1989 - 1989**Duration:** 1 day**Participating entity/entities:** Universitat de València - Dpto. de Física Teórica**46 Name of the project:** Interacciones fundamentales y sus implicaciones fenomenológicas**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** Vicente Vento Torres**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología (CICYT)

Type of entity: **Ministeris**City funding entity:** Spain**Code according to the funding entity:** ref AE-0021**Start-End date:** 1985 - 1988**Duration:** 3 years - 1 day**Participating entity/entities:** Universitat de València - Dpto. de Física Teórica**47 Name of the project:** Interacciones fundamentales y sus implicaciones fenomenológicas**Entity where project took place:** Universitat de València**Type of entity:** **Universitats**City of entity:** Unknown**Name principal investigator (PI, Co-PI....):** José Bernabéu Alberola**Funding entity or bodies:**

caicyt

Type of entity: **Altres organismes**City funding entity:** Unknown**Code according to the funding entity:** ref 82-1740**Start-End date:** 1983 - 1985**Duration:** 2 years - 1 day**Participating entity/entities:** Universitat de València - Dpto. de Física Teórica

48 **Name of the project:** Interacciones fundamentales y sus implicaciones fenomenológicas

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): José Bernabéu Alberola

Funding entity or bodies:

Comisión Asesora de Investigación Científica y Técnica (CAICYT) **Type of entity:** **Altres organismes

City funding entity: Spain

Code according to the funding entity: ref 79-4603

Start-End date: 1980 - 1982

Duration: 2 years - 1 day

Participating entity/entities: Universitat de València - Dpto. de Física Teórica

R&D non-competitive contracts, agreements or projects with public or private entities

Name of the project: Colaboración Univ. Vcia/LPSC con Francia

Entity where project took place: Universitat de València **Type of entity:** **Universitats

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Santiago Noguera Puchol

Participating entity/entities: Universitat de València

Funding entity or bodies:

Ministerio de Ciencia y Tecnología **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: IN2P3 2004-21

Start date: 2004

Duration: 1 day

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Coppola, M.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Masses of magnetized pseudoscalar and vector mesons in an extended NJL model: The role of axial vector mesons. 918446 - Physical Review D. 109 - 5, (United States of America): 2024. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.109.054014>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

- 2** D. Gómez Dumm; S. Noguera; N. N. Scoccola. Charged meson masses under strong magnetic fields: Gauge invariance and Schwinger phases. 918446 - Physical Review D. 108 - 1, pp. 016012. (United States of America): 2023. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.108.016012>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS



Impact index in year of publication: 4.6
Position of publication: 17

Impact source: ISI
Impact index in year of publication: 4.6
Position of publication: 7

Journal in the top 25%: Yes
No. of journals in the cat.: 84

Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: Yes
No. of journals in the cat.: 31

- 3** Carlomagno, J.P.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Neutral pseudoscalar and vector meson masses under strong magnetic fields in an extended NJL model: Mixing effects. 918446 - Physical Review D. 106 - 7, (United States of America): 2022. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.106.074002>

Type of production: Scientific paper
Position of signature: 0

Impact source: ISI
Impact index in year of publication: 5
Position of publication: 15

Impact source: ISI
Impact index in year of publication: 5
Position of publication: 7

Format: Journal

Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 69

Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 4** Carlomagno, J.P.; Gomez Dumm, D.; Izzo Villafañe, M.F.; Noguera, S.; Scoccola, N.N. Charged pseudoscalar and vector meson masses in strong magnetic fields in an extended NJL model. 918446 - Physical Review D. 106 - 9, (United States of America): 2022. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.106.094035>

Type of production: Scientific paper
Position of signature: 0

Impact source: ISI
Impact index in year of publication: 5
Position of publication: 15

Impact source: ISI
Impact index in year of publication: 5
Position of publication: 7

Format: Journal

Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 69

Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 5** Coppola, M.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Weak decays of magnetized charged pions in the symmetric gauge. 918446 - Physical Review D. 101 - 3, (United States of America): 2020. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.101.034003>

Type of production: Scientific paper
Position of signature: 0

Impact source: ISI
Impact index in year of publication: 5.296
Position of publication: 15

Impact source: ISI
Impact index in year of publication: 5.296
Position of publication: 6

Format: Journal

Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 68

Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 6** Coppola, M.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Magnetic field driven enhancement of the weak decay width of charged pions. 917600 - The Journal of high energy physics. 09 - 9, (Germany): Società italiana di fisica, 2020. ISSN 1029-8479

DOI: [https://doi.org/10.1007/JHEP09\(2020\)058](https://doi.org/10.1007/JHEP09(2020)058)

Type of production: Scientific paper

Position of signature: 0

Impact source: ISI

Impact index in year of publication: 5.81

Position of publication: 5

Format: Journal

Category: PHYSICS, PARTICLES & FIELDS

Journal in the top 25%: Yes

No. of journals in the cat.: 29

- 7** Courtoy, A.; Noguera, S.; Scopetta, S. Two-current correlations in the pion in the Nambu and Jona-Lasinio model. 909884 - European Physical Journal C. 80 - 10, (Germany): 2020. ISSN 1434-6044

DOI: <https://doi.org/10.1140/epjc/s10052-020-08470-1>

Type of production: Scientific paper

Position of signature: 0

Impact source: ISI

Impact index in year of publication: 4.59

Position of publication: 8

Format: Journal

Category: PHYSICS, PARTICLES & FIELDS

Journal in the top 25%: No

No. of journals in the cat.: 29

- 8** Coppola, M.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Pion-to-vacuum vector and axial vector amplitudes and weak decays of pions in a magnetic field. 918446 - Physical Review D. 99 - 5, (United States of America): 2019. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.99.054031>

Type of production: Scientific paper

Position of signature: 0

Impact source: ISI

Impact index in year of publication: 4,833

Position of publication: 16

Format: Journal

Category: ASTRONOMY & ASTROPHYSICS

Journal in the top 25%: Yes

No. of journals in the cat.: 68

Impact source: ISI

Impact index in year of publication: 4,833

Position of publication: 6

Category: PHYSICS, PARTICLES & FIELDS

Journal in the top 25%: Yes

No. of journals in the cat.: 29

- 9** Coppola, M.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Neutral and charged pion properties under strong magnetic fields in the NJL model. 918446 - Physical Review D. 100 - 5, (United States of America): 2019. ISSN 2470-0010

DOI: <https://doi.org/10.1103/PhysRevD.100.054014>

Type of production: Scientific paper

Position of signature: 0

Impact source: ISI

Impact index in year of publication: 4,833

Position of publication: 16

Format: Journal

Category: ASTRONOMY & ASTROPHYSICS

Journal in the top 25%: Yes

No. of journals in the cat.: 68

Impact source: ISI

Impact index in year of publication: 4,833

Position of publication: 6

Category: PHYSICS, PARTICLES & FIELDS

Journal in the top 25%: Yes

No. of journals in the cat.: 29

- 10** Courtoy, A.; Noguera, S.; Scopetta, S. Double parton distributions in the pion in the Nambu-Jona-Lasinio model. 917600 - The Journal of high energy physics. 12 - 12, (Germany): Società italiana di fisica, 2019. ISSN 1029-8479

DOI: [https://doi.org/10.1007/JHEP12\(2019\)045](https://doi.org/10.1007/JHEP12(2019)045)

Type of production: Scientific paper

Position of signature: 0

Impact source: ISI

Format: Journal

Category: PHYSICS, PARTICLES & FIELDS



Impact index in year of publication: 5,875
Position of publication: 4

Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 11** Ceccopieri, F.A.; Courtoy, A.; Noguera, S.; Scopetta, S. Pion nucleus Drell-Yan process and parton transverse momentum in the pion. 909884 - European Physical Journal C. 78 - 8, (Germany): 2018. ISSN 1434-6044
DOI: <https://doi.org/10.1140/epjc/s10052-018-6115-3>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 4.843

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 29

- 12** Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. eta-gamma and eta(')-gamma transition form factors in a nonlocal NJL model. 918446 - Physical Review D. 95 - 5, (United States of America): 2017. ISSN 2470-0010
DOI: <https://doi.org/10.1103/PhysRevD.95.054006>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS

Impact index in year of publication: 4.394

Journal in the top 25%: Yes

Position of publication: 15

No. of journals in the cat.: 66

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 4.394

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 29

- 13** Pagura, V.P.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Magnetic catalysis and inverse magnetic catalysis in nonlocal chiral quark models. 918446 - Physical Review D. 95 - 3, (United States of America): 2017. ISSN 2470-0010
DOI: <https://doi.org/10.1103/PhysRevD.95.034013>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS

Impact index in year of publication: 4.394

Journal in the top 25%: Yes

Position of publication: 15

No. of journals in the cat.: 66

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 4.394

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 29

- 14** Gomez Dumm, D.; Izzo Villafañe, M.F.; Noguera, S.; Pagura, V.P.; Scoccola, N.N. Strong magnetic fields in nonlocal chiral quark models. 918446 - Physical Review D. 96 - 11, (United States of America): 2017. ISSN 2470-0010
DOI: <https://doi.org/10.1103/PhysRevD.96.114012>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS

Impact index in year of publication: 4.394

Journal in the top 25%: Yes

Position of publication: 15

No. of journals in the cat.: 66

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS



Impact index in year of publication: 4.394
Position of publication: 7

Journal in the top 25%: Yes
No. of journals in the cat.: 29

- 15** Pagura, V.P.; Gomez Dumm, D.; Noguera, S.; Scoccola, N.N. Magnetic susceptibility of the QCD vacuum in a nonlocal SU(3) Polyakov-Nambu-Jona-Lasinio model. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 94 - 5, (United States of America): 2016. ISSN 1550-7998

DOI: <https://doi.org/10.1103/PhysRevD.94.054038>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

- 16** Noguera, S.; Scopetta, S. Pion transverse momentum dependent parton distributions in the Nambu and Jona-Lasinio model. 917600 - The Journal of high energy physics. 11 - 11, (Germany): Società italiana di fisica, 2015. ISSN 1029-8479

DOI: [https://doi.org/10.1007/JHEP11\(2015\)102](https://doi.org/10.1007/JHEP11(2015)102)

Handle: <http://hdl.handle.net/10550/52961>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 6.023

Journal in the top 25%: Yes

Position of publication: 4

No. of journals in the cat.: 28

- 17** Gomez Dumm, D.; Noguera, S.; Scoccola, N.N.; Scopetta, S. Pion distribution amplitude and the pion-photon transition form factor in a nonlocal chiral quark model. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 89 - 5, pp. 054031. (United States of America): 2014. ISSN 1550-7998

DOI: <https://doi.org/10.1103/PhysRevD.89.054031>

Handle: <http://hdl.handle.net/10550/38929>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS

Impact index in year of publication: 4.643

Journal in the top 25%: Yes

Position of publication: 13

No. of journals in the cat.: 60

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 4.643

Journal in the top 25%: Yes

Position of publication: 6

No. of journals in the cat.: 27

- 18** Noguera Puchol, Santiago; Scopetta, S. The eta-photon transition form factor. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 85 - 5, pp. 054004. (United States of America): 2012. ISSN 1550-7998

DOI: <https://doi.org/10.1103/PhysRevD.85.054004>

Handle: <http://hdl.handle.net/10550/33628>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Total no. authors: 2

Impact source: ISI

Category: ASTRONOMY & ASTROPHYSICS

Impact index in year of publication: 4.691

Journal in the top 25%: No

Position of publication: 14

No. of journals in the cat.: 56

Impact source: ISI

Category: PHYSICS, PARTICLES & FIELDS

Impact index in year of publication: 4.691

Journal in the top 25%: No

Position of publication: 8

No. of journals in the cat.: 27

- 19** Gomez Dumm, D.; Noguera Puchol, Santiago; Scoccola, N.N. Form factors of radiative pion decays in nonlocal chiral quark models. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 86 - 7, pp. 074020. (United States of America): 2012. ISSN 1550-7998
DOI: <https://doi.org/10.1103/PhysRevD.86.074020>
Handle: <http://hdl.handle.net/10550/33627>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 4.691
Position of publication: 14
Format: Journal
Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 56
Impact source: ISI
Impact index in year of publication: 4.691
Position of publication: 8
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: No
No. of journals in the cat.: 27
- 20** Noguera Puchol, Santiago; Vento Torres, Vicente. Model analysis of the world data on the pion transition form factor. 909882 - European Physical Journal A. 48 - 10, (Germany): 2012. ISSN 1434-6001
DOI: <https://doi.org/10.1140/epja/i2012-12143-1>
Handle: <http://hdl.handle.net/10550/33491>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 2.043
Position of publication: 9
Format: Journal
Category: PHYSICS, NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 21
Impact source: ISI
Impact index in year of publication: 2.043
Position of publication: 13
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: No
No. of journals in the cat.: 27
- 21** Gomez Dumm, D.; Noguera Puchol, Santiago; Scoccola, N.N. Pion radiative weak decays in nonlocal chiral quark models. 903246 - Physics Letters B. 698 - 3, pp. 236 - 242. (Holland): 2011. Available on-line at: <http://dx.doi.org/10.1016/j.physletb.2011.03.002>. ISSN 0370-2693
DOI: <https://doi.org/10.1016/j.physletb.2011.03.002>
Handle: <http://hdl.handle.net/10550/33629>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 3.96
Position of publication: 9
Format: Journal
Category: PHYSICS, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 82
- 22** Noguera Puchol, Santiago; Vento Torres, Vicente. The pion transition form factor and the pion distribution amplitude. 909882 - European Physical Journal A. 46, pp. 197 - 205. (Germany): 2010. ISSN 1434-6001
DOI: <https://doi.org/10.1140/epja/i2010-11029-6>
Handle: <http://hdl.handle.net/10550/33630>
Type of production: Scientific paper
Position of signature: 0
Format: Journal

**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 2.592**Position of publication:** 5**Category:** PHYSICS, NUCLEAR**Journal in the top 25%:** Yes**No. of journals in the cat.:** 21**Impact source:** ISI**Impact index in year of publication:** 2.592**Position of publication:** 11**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** No**No. of journals in the cat.:** 27

- 23** Courtoy, Aurore; Noguera Puchol, Santiago. Enhancement effects in exclusive pi pi production in gamma* gamma scattering. 903246 - Physics Letters B. 675 - 1, pp. 38 - 42. (Holland): 2009. ISSN 0370-2693

DOI: <https://doi.org/10.1016/j.physletb.2009.03.070>**Handle:** <http://hdl.handle.net/10550/33633>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 5.083**Position of publication:** 7**Category:** PHYSICS, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 71

- 24** Noguera Puchol, Santiago; Scoccola, N.N. Nonlocal chiral quark models with wavefunction renormalization: Sigma properties and pi-pi scattering parameters. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 78, (United States of America): 2008. ISSN 1550-7998

DOI: <https://doi.org/10.1103/PhysRevD.78.114002>**Handle:** <http://hdl.handle.net/10550/33634>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 5.05**Position of publication:** 8**Category:** ASTRONOMY & ASTROPHYSICS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 48**Impact source:** ISI**Impact index in year of publication:** 5.05**Position of publication:** 5**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 25

- 25** Courtoy, Aurore; Noguera Puchol, Santiago. Pion-Photon TDAs in the NJL Model. 903395 - Progress in Particle and Nuclear Physics. 61 - 1, pp. 170 - 172. (United Kingdom): 2008. ISSN 0146-6410

DOI: <https://doi.org/10.1016/j.ppnp.2007.12.040>**Handle:** <http://hdl.handle.net/10550/33635>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 3.86**Position of publication:** 3**Category:** PHYSICS, NUCLEAR**Journal in the top 25%:** Yes**No. of journals in the cat.:** 20**Impact source:** ISI**Impact index in year of publication:** 3.86**Position of publication:** 7**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** No**No. of journals in the cat.:** 25



- 26** Courtoy, Aurore; Noguera Puchol, Santiago. The Pion-photon transition distribution amplitudes in the Nambu-Jona Lasinio model.903394 - Physical Review. D, Particles, fields, gravitation, and cosmology.76 - 9, (United States of America): 2007. ISSN 1550-7998
DOI: <https://doi.org/10.1103/PhysRevD.76.094026>
Handle: <http://hdl.handle.net/10550/33639>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 4.696
Position of publication: 9
Format: Journal
Category: ASTRONOMY & ASTROPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 48
Impact source: ISI
Impact index in year of publication: 4.696
Position of publication: 4
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: Yes
No. of journals in the cat.: 24
- 27** Noguera Puchol, Santiago. Non local lagrangians: The pion. 909556 - International Journal of Modern Physics E-Nuclear Physics. 16 - 1, pp. 97 - 132. (Singapore): World Scientific Publishing, 2007. ISSN 0218-3013
DOI: <https://doi.org/10.1142/S021830130700565X>
Handle: <http://hdl.handle.net/10550/33637>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 1
Impact source: ISI
Impact index in year of publication: 0.684
Position of publication: 16
Format: Journal
Category: PHYSICS, NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 21
Impact source: ISI
Impact index in year of publication: 0.684
Position of publication: 20
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: No
No. of journals in the cat.: 24
- 28** Noguera Puchol, Santiago; Vento Torres, Vicente. Pion parton distributions in a nonlocal Lagrangian. 909882 - European Physical Journal A. 28 - 2, pp. 227 - 236. (Germany): 2006. ISSN 1434-6001
DOI: <https://doi.org/10.1140/epja/i2006-10045-5>
Handle: <http://hdl.handle.net/10550/33642>
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 1.459
Position of publication: 11
Format: Journal
Category: PHYSICS, NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 22
Impact source: ISI
Impact index in year of publication: 1.459
Position of publication: 13
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: No
No. of journals in the cat.: 21
- 29** Noguera, S.; Theussl, L.; Vento, V.Generalized parton distributions of the pion in a Bethe Salpeter approach. 903383 - Nuclear Physics A. (Holland): 2005. ISSN 0375-9474
DOI: <https://doi.org/10.1016/j.nuclphysa.2005.03.070>
Type of production: Scientific paper
Format: Journal

**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 1.95**Position of publication:** 8**Category:** PHYSICS, NUCLEAR**Journal in the top 25%:** No**No. of journals in the cat.:** 22

- 30** Noguera Puchol, Santiago; Scopetta, Sergio; Vento Torres, Vicente. Relativity and constituent quark structure in model calculations of parton distributions. 903394 - Physical Review. D, Particles, fields, gravitation, and cosmology. 70 - 9, (United States of America): 2004. ISSN 1550-7998

DOI: <https://doi.org/10.1103/PhysRevD.70.094018>**Handle:** <http://hdl.handle.net/10550/33645>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 5.156**Position of publication:** 5**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 21

- 31** Noguera Puchol, Santiago; Theussl, L.; Vento Torres, V. Generalized parton distributions of the pion in a Bethe Salpeter approach. 909882 - European Physical Journal A. 20 - 3, pp. 483 - 498. (Germany): 2004. ISSN 1434-6001

DOI: <https://doi.org/10.1140/epja/i2003-10174-3>**Handle:** <http://hdl.handle.net/10550/33643>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 1.614**Position of publication:** 9**Category:** PHYSICS, NUCLEAR**Journal in the top 25%:** No**No. of journals in the cat.:** 21**Impact source:** ISI**Impact index in year of publication:** 1.614**Position of publication:** 10**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** No**No. of journals in the cat.:** 21

- 32** Theussl, L.; Amghar, A.; Desplanques, B.; Noguera, S. Comparison of different boost transformations for the calculation of form factors in relativistic quantum mechanics. 903378 - Few-Body Systems. 14, pp. 393 - 398. (Austria): 2003. ISSN 0177-7963

Type of production: Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 1.034**Position of publication:** 33**Category:** PHYSICS, MULTIDISCIPLINARY**Journal in the top 25%:** No**No. of journals in the cat.:** 68

- 33** Amorós Vicente, Gabriel; Noguera Puchol, Santiago; Portolés Ibañez, Jorge. Semileptonic decays of charmed mesons in the effective action of QCD. 909884 - European Physical Journal C. 27 - 2, pp. 243 - 254. (Germany): 2003. ISSN 1434-6044

DOI: <https://doi.org/10.1140/epjc/s2002-01116-0>**Handle:** <http://hdl.handle.net/10550/33648>**Type of production:** Scientific paper**Format:** Journal

**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 3.58**Position of publication:** 6**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** No**No. of journals in the cat.:** 19

- 34** Desplanques, B.; Theussl, L.; Noguera Puchol, Santiago. Effective Boost and 'Point Form' Approach. 903385 - Physical Review C. 65 - 3, (United States of America): 2002. ISSN 0556-2813

DOI: <https://doi.org/10.1103/PhysRevC.65.038202>**Handle:** <http://hdl.handle.net/10550/33652>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 2.848**Journal in the top 25%:** Yes**Position of publication:** 5**No. of journals in the cat.:** 22

- 35** Anikin, I.V.; Binosi, D.; Medrano, R.; Noguera Puchol, Santiago; Vento Torres, Vicente. Single spin asymmetry parameter from deeply virtual compton scattering of hadrons up to twist - three accuracy. 1. Pion case. 909882 - European Physical Journal A. 14 - 1, pp. 95 - 103. (Germany): 2002. ISSN 1434-6001

DOI: <https://doi.org/10.1140/epja/iepja1332>**Handle:** <http://hdl.handle.net/10550/33649>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 5**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 1.657**Journal in the top 25%:** No**Position of publication:** 9**No. of journals in the cat.:** 22**Impact source:** ISI**Category:** PHYSICS, PARTICLES & FIELDS**Impact index in year of publication:** 1.657**Journal in the top 25%:** No**Position of publication:** 8**No. of journals in the cat.:** 19

- 36** Cano, F.; Desplanques, B.; González Marhuenda, Pedro; Noguera Puchol, Santiago. Electromagnetic form factors of the nucleon in a relativistic quark pair creation model. 903246 - Physics Letters B. 521 - 3-4, pp. 225 - 232. (Holland): 2001. ISSN 0370-2693

DOI: [https://doi.org/10.1016/S0370-2693\(01\)01193-5](https://doi.org/10.1016/S0370-2693(01)01193-5)**Handle:** <http://hdl.handle.net/10550/33659>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 4**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 4.377**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 66

- 37** Cano, F.; Desplanques, B.; Gonzalez, P.; Noguera, S. Nucleon electromagnetic form factors in a relativistic quark-pair-creation model. 903383 - Nuclear Physics A. 689 - 1-2, (Holland): 2001. ISSN 0375-9474

DOI: [https://doi.org/10.1016/S0375-9474\(01\)00889-2](https://doi.org/10.1016/S0375-9474(01)00889-2)**Type of production:** Scientific paper**Format:** Journal



Position of signature: 0

Impact source: ISI

Impact index in year of publication: 2.074

Position of publication: 8

Category: PHYSICS, NUCLEAR

Journal in the top 25%: No

No. of journals in the cat.: 22

- 38** Capilla Roma, María Teresa; Desplanques, B.; Noguera Puchol, Santiago. $\beta\beta 2\nu$ decay in ^{48}Ca . 903385 - Physical Review C. 63 - 3, (United States of America): 2001. ISSN 0556-2813

DOI: <https://doi.org/10.1103/PhysRevC.63.055503>

Handle: <http://hdl.handle.net/10550/33654>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Total no. authors: 3

Impact source: ISI

Category: PHYSICS, NUCLEAR

Impact index in year of publication: 2.695

Journal in the top 25%: No

Position of publication: 6

No. of journals in the cat.: 22

- 39** Desplanques, B.; Silvestre-Brac, B.; Cano, F.; González Marhuenda, Pedro; Noguera Puchol, Santiago. Nucleon Form Factors at high q^2 within constituent quark models. 903378 - Few-Body Systems. 29 - 4, pp. 169 - 222. (Austria): 2000. ISSN 0177-7963

DOI: <https://doi.org/10.1007/s006010070001>

Handle: <http://hdl.handle.net/10550/33680>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Total no. authors: 5

Impact source: ISI

Category: PHYSICS, MULTIDISCIPLINARY

Impact index in year of publication: 1.552

Journal in the top 25%: Yes

Position of publication: 15

No. of journals in the cat.: 69

- 40** Amorós Vicente, Gabriel; Botella Olcina, Francisco J.; Noguera Puchol, Santiago; Portoles, J.D-0-(D-0)over-bar mixing in the weak-gauged $U(4)(L)\text{circle times } U(4)(R)$ chiral Lagrangian model. 903246 - Physics Letters B. 422 - 1-4, pp. 265 - 276. (Holland): 1998. ISSN 0370-2693

DOI: [https://doi.org/10.1016/S0370-2693\(98\)00047-1](https://doi.org/10.1016/S0370-2693(98)00047-1)

Handle: <http://hdl.handle.net/10550/33681>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Total no. authors: 4

Impact source: ISI

Category: PHYSICS, MULTIDISCIPLINARY

Impact index in year of publication: 3.567

Journal in the top 25%: Yes

Position of publication: 7

No. of journals in the cat.: 65

- 41** Cano, F.; González Maruhenda, Pedro; Noguera Puchol, Santiago; Desplanques, B.A (p/E) calculations of strong pionic decays of baryons. 906308 - Zeitschrift für Physik A-Hadrons and Nuclei. 359 - 3, pp. 315 - 319. (Germany): 1997. ISSN 0939-7922

Handle: <http://hdl.handle.net/10550/33693>

Type of production: Scientific paper

Format: Journal

Position of signature: 0

Total no. authors: 4

Impact source: ISI

Category: PHYSICS, NUCLEAR

Impact index in year of publication: 1.626

Journal in the top 25%: No

**Position of publication:** 11**No. of journals in the cat.:** 21**Impact source:** ISI**Category:** PHYSICS, PARTICLES & FIELDS**Impact index in year of publication:** 1.626**Journal in the top 25%:** No**Position of publication:** 7**No. of journals in the cat.:** 16

- 42** B. Desplanques, S. Noguera. PNC effects in neutron-Th-232 scattering: A window to class II or new states of nuclei?. 903383 - Nuclear Physics A. 598 - 2, pp. 139 - 168. (Holland): 1996. ISSN 0375-9474

DOI: [https://doi.org/10.1016/0375-9474\(95\)00471-8](https://doi.org/10.1016/0375-9474(95)00471-8)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 1.825**Journal in the top 25%:** No**Position of publication:** 8**No. of journals in the cat.:** 19

- 43** Cano, F.; González Marhuenda, Pedro; Noguera Puchol, Santiago; Desplanques, B. Strong pionic decays of baryons from a spectroscopic quark model. 903383 - Nuclear Physics A. 603 - 3-4, pp. 257 - 280. (Holland): 1996. ISSN 0375-9474

DOI: [https://doi.org/10.1016/0375-9474\(96\)80002-9](https://doi.org/10.1016/0375-9474(96)80002-9)**Handle:** <http://hdl.handle.net/10550/33694>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 4**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 1.825**Journal in the top 25%:** No**Position of publication:** 8**No. of journals in the cat.:** 19

- 44** Botella, F.J.; Noguera, S.; Portoles, J. Parameter-free calculation of nonresonant 3-body decays of charmed mesons in a weak gauged $U(4)(L) \times U(4)(R)$ chiral lagrangian model. 903246 - Physics Letters B. 360 - 1-2, pp. 101 - 108. (Holland): 1995. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(95\)01126-B](https://doi.org/10.1016/0370-2693(95)01126-B)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 3**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 3.272**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 62

- 45** B. Desplanques, S. Noguera. Is the standard, Parity non-conserving, nucleon-nucleus interaction a surface one?. 903383 - Nuclear Physics A. 581 - 1, pp. 1 - 20. (Holland): 1995. ISSN 0375-9474

DOI: [https://doi.org/10.1016/0375-9474\(94\)00421-1](https://doi.org/10.1016/0375-9474(94)00421-1)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 2.157**Journal in the top 25%:** No**Position of publication:** 7**No. of journals in the cat.:** 18

- 46** Botella, F.J.; Noguera, S.; Portoles, J. Parameter free calculation of D-JPP in a weak-gauged $U(4)(L)$ circle times- $U(4)(R)$ chiral lagrangian model. 903246 - Physics Letters B. 312 - 1-2, pp. 191 - 198. (Holland): 1993. ISSN 0370-2693
DOI: [https://doi.org/10.1016/0370-2693\(93\)90509-G](https://doi.org/10.1016/0370-2693(93)90509-G)
Type of production: Scientific paper
Position of signature: 0
Impact source: ISI
Impact index in year of publication: 3.079
Position of publication: 7
Format: Journal
Category: PHYSICS, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 61
- 47** B. Desplanques, S. Noguera. Parity non-conservation at the peak of p-resonances in low-energy neutron-nucleus scattering. 903383 - Nuclear Physics A. 561 - 2, pp. 189 - 200. (Holland): 1993. ISSN 0375-9474
DOI: [https://doi.org/10.1016/0375-9474\(93\)90150-V](https://doi.org/10.1016/0375-9474(93)90150-V)
Type of production: Scientific paper
Position of signature: 0
Impact source: ISI
Impact index in year of publication: 1.746
Position of publication: 8
Format: Journal
Category: PHYSICS, NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 16
- 48** B. Desplanques; C. Cignoux; B. Silvestre-Brac; P. Gonzalez; J. Navarro; S. Noguera. The baryonic spectrum in a constituent quark model including a three-body force. 906308 - Zeitschrift für Physik A-Hadrons and Nuclei. 343 - 3, pp. 331 - 336. (Germany): 1992. ISSN 0939-7922
DOI: <https://doi.org/10.1007/BF01291532>
Type of production: Scientific paper
Position of signature: 0
Impact source: ISI
Impact index in year of publication: 1.428
Position of publication: 9
Format: Journal
Category: PHYSICS, NUCLEAR
Journal in the top 25%: No
No. of journals in the cat.: 15
Impact source: ISI
Impact index in year of publication: 1.428
Position of publication: 5
Category: PHYSICS, PARTICLES & FIELDS
Journal in the top 25%: No
No. of journals in the cat.: 9
- 49** Portoles, J.; Botella, F.J.; Noguera, S. Decays of kaons in a weak-gauged $U(4)L \times U(4)R$ chiral lagrangian model. 903246 - Physics Letters B. 260 - 3-4, pp. 394 - 400. (Holland): 1991. ISSN 0370-2693
DOI: [https://doi.org/10.1016/0370-2693\(91\)91631-5](https://doi.org/10.1016/0370-2693(91)91631-5)
Type of production: Scientific paper
Position of signature: 0
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 3.227
Position of publication: 7
Format: Journal
Category: PHYSICS, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 60
- 50** Desplanques, B.; Noguera, S.; Bernabeu, J. Neutrinoless double beta-decay in the $su(4)$ symmetry scheme. 903397 - Zeitschrift für Physik C-Particles and Fields. 51 - 3, pp. 499 - 502. (Germany): 1991. ISSN 0170-9739
DOI: <https://doi.org/10.1007/BF01548576>
Handle: <http://hdl.handle.net/10550/53244>
Type of production: Scientific paper
Position of signature: 0
Format: Journal

Total no. authors: 3**Impact source:** ISI**Impact index in year of publication:** 1.966**Position of publication:** 3**Category:** PHYSICS, PARTICLES & FIELDS**Journal in the top 25%:** No**No. of journals in the cat.:** 9

- 51** Bernabeu, J.; Desplanques, B.; Navarro, J.; Noguera, S. Double beta-decay and $su(4)$ symmetry. 903397 - Zeitschrift für Physik C-Particles and Fields. 46 - 2, pp. 323 - 328. (Germany): 1990. ISSN 0170-9739

DOI: <https://doi.org/10.1007/BF01556011>**Handle:** <http://hdl.handle.net/10550/53368>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Total no. authors:** 4**Impact source:** ISI**Category:** PHYSICS, PARTICLES & FIELDS**Impact index in year of publication:** 1.986**Journal in the top 25%:** No**Position of publication:** 5**No. of journals in the cat.:** 10

- 52** Sanjosé, V.; Vento, V.; Noguera, S. Pionic effects in inelastic electron nucleus scattering. 903383 - Nuclear Physics A. 470 - 3-4, pp. 509 - 522. (Holland): 1987. ISSN 0375-9474

DOI: [https://doi.org/10.1016/0375-9474\(87\)90584-7](https://doi.org/10.1016/0375-9474(87)90584-7)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, NUCLEAR**Impact index in year of publication:** 2.272**Journal in the top 25%:** No**Position of publication:** 4**No. of journals in the cat.:** 13

- 53** B. Desplanques, S. Noguera. Nuclear Spin-Isospin Polarizability and the Spatial Non-Locality of the Mean Field. 903246 - Physics Letters B. 173 - 1, pp. 23 - 28. (Holland): 1986. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(86\)91223-2](https://doi.org/10.1016/0370-2693(86)91223-2)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 3.534**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 58

- 54** B. Desplanques, S. Noguera. About on Estimate of the Gamow-Teller Strength Quenching in a Low Energy Excitation Range. 903246 - Physics Letters B. 174 - 4, pp. 361 - 365. (Holland): 1986. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(86\)91016-6](https://doi.org/10.1016/0370-2693(86)91016-6)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 3.534**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 58

- 55** S. Noguera, B. Desplanques. Parity Non-Conserving Effects in Neutron-Nucleus Scattering at Thermal Energies. 903383 - Nuclear Physics A. 457 - 2, pp. 189 - 221. (Holland): 1986. ISSN 0375-9474

DOI: [https://doi.org/10.1016/0375-9474\(86\)90374-X](https://doi.org/10.1016/0375-9474(86)90374-X)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0

**Impact source:** ISI**Impact index in year of publication:** 2.482**Position of publication:** 4**Category:** PHYSICS, NUCLEAR**Journal in the top 25%:** No**No. of journals in the cat.:** 12

- 56** Noguera, S.; Sanjosé, V.; Vento, V. Bag scattering theory. 906308 - Zeitschrift für Physik A-Hadrons and Nuclei. 325 - 3, pp. 275 - 279. (Germany): 1986. ISSN 0939-7922

DOI: <https://doi.org/10.1007/BF01294608>**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0

- 57** J.A. Oteo, S. Noguera. Non-Leptonic Hyperon Decays in the Chiral Bag Model. 903246 - Physics Letters B. 161 - 4-6, pp. 377 - 383. (Holland): 1985. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(85\)90782-8](https://doi.org/10.1016/0370-2693(85)90782-8)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 3.917**Journal in the top 25%:** Yes**Position of publication:** 7**No. of journals in the cat.:** 62

- 58** B. Desplanques, S. Noguera. The contribution of the Neutron-Nucleus Component to Parity -Non-Conserving Effects in Neutron-Nucleus Scattering. 903246 - Physics Letters B. 143 - 4-6, pp. 303 - 308. (Holland): 1984. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(84\)91470-9](https://doi.org/10.1016/0370-2693(84)91470-9)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 4.47**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 62

- 59** B. Desplanques, S. Noguera. On Parity-Non-Conserving Components in the Nucleon. 903246 - Physics Letters B. 144 - 3-4, pp. 255 - 259. (Holland): 1984. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(84\)91815-X](https://doi.org/10.1016/0370-2693(84)91815-X)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 4.47**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 62

- 60** S. Noguera, B. Desplanques. Quenching of the Gamow-Teller strength in the $^{42}\text{Ca}(p,n)^{42}\text{Sc}$ reaction. 903246 - Physics Letters B. 149 - 4-5, pp. 272 - 276. (Holland): 1984. ISSN 0370-2693

DOI: [https://doi.org/10.1016/0370-2693\(84\)90404-0](https://doi.org/10.1016/0370-2693(84)90404-0)**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 0**Impact source:** ISI**Category:** PHYSICS, MULTIDISCIPLINARY**Impact index in year of publication:** 4.47**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 62

- 61** Noguera, S.; Bernabeu, J. Spin dependence of the parity non-conserving neutron nucleus interaction. 903246 - Physics Letters B. 146 - 6, pp. 427 - 430. (Holland): 1984. ISSN 0370-2693
DOI: [https://doi.org/10.1016/0370-2693\(84\)90154-0](https://doi.org/10.1016/0370-2693(84)90154-0)
Type of production: Scientific paper **Format:** Journal
Position of signature: 0
Total no. authors: 2
Impact source: ISI **Category:** PHYSICS, MULTIDISCIPLINARY
Impact index in year of publication: 4.47 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 62
- 62** Gonzalez, P.; Noguera, S.; Bernabeu, J.; Vento, J. Hyperon non-leptonic decays and baryon structure. 903383 - Nuclear Physics A. 423 - 3, pp. 477 - 497. (Holland): 1984. ISSN 0375-9474
DOI: [https://doi.org/10.1016/0375-9474\(84\)90036-8](https://doi.org/10.1016/0375-9474(84)90036-8)
Type of production: Scientific paper **Format:** Journal
Position of signature: 0
Total no. authors: 4
Impact source: ISI **Category:** PHYSICS, NUCLEAR
Impact index in year of publication: 2.522 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 7
- 63** Noguera, S.; Bernabeu, J. Parity violation in neutron elastic-scattering around compound nucleus resonances. 903246 - Physics Letters B. 129 - 1-2, pp. 125 - 129. (Holland): 1983. ISSN 0370-2693
DOI: [https://doi.org/10.1016/0370-2693\(83\)90743-8](https://doi.org/10.1016/0370-2693(83)90743-8)
Type of production: Scientific paper **Format:** Journal
Position of signature: 0
Total no. authors: 2
Impact source: ISI **Category:** PHYSICS, MULTIDISCIPLINARY
Impact index in year of publication: 3.926 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 64
- 64** Noguera, S.; Bernabeu, J. Polarization-asymmetry equality for parity violating scattering. 903246 - Physics Letters B. 95 - 4, pp. 110 - 112. (Holland): 1980. ISSN 0370-2693
DOI: [https://doi.org/10.1016/0370-2693\(80\)90412-8](https://doi.org/10.1016/0370-2693(80)90412-8)
Type of production: Scientific paper **Format:** Journal
Position of signature: 0
Total no. authors: 2
Impact source: ISI **Category:** PHYSICS, MULTIDISCIPLINARY
Impact index in year of publication: 3.607 **Journal in the top 25%:** Yes
Position of publication: 5 **No. of journals in the cat.:** 64
- 65** Pagura, VP; Dumm, DG; Noguera, S; Scoccola, NN. Strongly interacting matter under external magnetic fields within nonlocal NJL-type models. EPJ Web of Conferences (2017) - 12th Conference on Quark Confinement and the Hadron Spectrum (2016). 137 - 13012, pp. 1 - 7. (France): EDP Sciences, 2017.
Type of production: **Acta de congrés **Format:** Book
- 66** Courtoy, A.; Noguera, S. Pion-photon transition distribution amplitudes. 9th Joint Meeting of Heidelberg-Liege-Paris-Wroclaw. 1038, pp. 249 - 258. (United States of America): AIP Conference Proceedings American Institute of Physics Editions, Melville, New York, 2008. ISBN 978-0-7354-0562-2
Type of production: **Acta de congrés **Format:** Book

- 67** Courtoy, A.; Noguera, S. Distribution amplitude for the photon-pion transition. proceedings of Light Cone 2008: Relativistic Nuclear and Particle Physics (LC2008). LC2008 - 017, pp. 1 - 7. (Italy): Proceedings of Science, 2008.
Type of production: **Acta de congrés **Format:** Book
- 68** Cano, F.; González, P.; Noguera, S.; Desplanques, B. Photoproduction of Resonances in a Relativistic Quark Pair Creation Model. Proceedings of the 9th International Conference on the Structure of Baryons (BARYONS 2002). Edited by Carl E Carlson & Bernhard A Mecking. pp. 417 - 420. (United States of America): World Scientific Publishing, 2003. ISBN 9789812704887
Type of production: **Acta de congrés **Format:** Book
- 69** F. Cano; P. Gonzalez; S. Noguera; B. Desplanques. Strong pionic decays of baryons from a spectroscopic quark model. Proceedings of the 7th International Conference on the Structure of Bayrons. pp. 307 - 310. (Singapore): World Scientific Publishing, 1996. ISBN 978-9810227098
Type of production: **Acta de congrés **Format:** Book
- 70** F. Cano; P. Gonzalez; S. Noguera; B. Desplanques. Electromagnetic baryon transitions from a quark pair creation model. Proceedings of the 8th International Conference on the Structure of Bayrons. pp. 85 - 89. (Singapore): World Scientific Publishing, 1996. ISBN 978-9810238650
Type of production: **Acta de congrés **Format:** Book
- 71** S. Noguera, B. Desplanques. About the PNC at the peak of p-resonances in ^{232}Th and ^{238}U . Proceedings of PANIC XIII: Particles and Nuclei International Conference. Ed. A. Pascolini. pp. 1 - 10. (Singapore): World Scientific Publishing, 1994. ISBN 978-9810217990
Type of production: **Acta de congrés **Format:** Book
- 72** S. Noguera, B. Desplanques. Fractional parentage coefficients for $\text{SU}(4)$ symmetric states in the seniority scheme. Group Theory and Special Symmetries in Nuclear Physics. Proceedings, International Symposium in Honor of K.T. Hecht. Ed. J. Praayer, J. Jöneck. pp. 300 - 305. (Singapore): World Scientific Publishing, 1992. ISBN 981-02-0744-1
Type of production: **Acta de congrés **Format:** Book
- 73** J. Bernabéu; S. Noguera; B. Desplanques; J. Navarro. Double beta decay and the $\text{SU}(4)$ symmetry. Proceedings of the International school 'Low energy weak interactions' (LEWI '90). pp. 1 - 10. (United Kingdom): 1991.
Type of production: **Acta de congrés **Format:** Book
- 74** Noguera, S. The 2 Nu Beta Beta Decay And The $\text{Su}(4)$ Symmetry. Taup 89: Workshop on Theoretical and Phenomenological Aspects of Underground Physics. pp. 235 - 240. (France): Editions Frontieres, 1989. ISBN 9782863320761
Type of production: **Acta de congrés **Format:** Book
- 75** J. Bernabéu; B. Desplanques; J. Navarro; S. Noguera. Estimate of $\alpha\alpha$ -decay with $2i$ emission within $\text{SU}(4)$ symmetry scheme. XXII Reunión Bial de la Real Sociedad Española de Física. I, pp. 95 - 98. (Spain): Universitat de les Illes Balears. Departamento de Pedagogía Aplicada y Psicología de la Educación, 1989.
Type of production: **Acta de congrés **Format:** Book
Total no. authors: 4
- 76** Desplanques, B.; Noguera, S. Gamow-Teller Strength from Spin-Isospin Saturated Nuclei. Proceedings del congreso: Weak and Electromagnetic Interactions in Nuclei. Edited by H. V. Klapdor. pp. 344 - 350. (Germany): Springer, 1986. ISBN 9783540172550
Type of production: **Acta de congrés **Format:** Book



- 77** Bernabéu, J.; Noguera, S. Weak interaction of quarks: Parity violation in neutron-nuclear scattering. Nuclear physics: Proceedings of the Nuclear Physics Workshop, I.C.T.P.pp. 755 - 762. Amsterdam(Holland): North-Holland, 1982. ISBN 9780444864017
Type of production: **Acta de congrés **Format:** Book
Total no. authors: 2

Works submitted to national or international conferences

- 1** **Title of the work:** Effects of strong magnetic fields on quark matter and neutral meson properties within nonlocal chiral quark models
Name of the conference: 14th International Workshop on Hadron Physics (Hadron Physics 2018).
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Florianopolis, Brazil
Date of event: 2018
End date: 2018
Noguera, S; Pagura, V.
- 2** **Title of the work:** Magnetic susceptibility of the QCD vacuum in a nonlocal SU(3) PNJL model
Name of the conference: Quark Confinement and the Hadron Spectrum XII
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Greece
Date of event: 2016
End date: 2016
Pagura, V.; Gomez-Dumm, D.; Scoccola, N.; Noguera, S.
- 3** **Title of the work:** Pion-Photon Transition Distribution Amplitudes
Name of the conference: Joint Meeting Heidelberg-Liege-Paris-Wroclai
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Belgium
Date of event: 2008
End date: 2008
A. Courtoy; S. Noguera. "AIP".
- 4** **Title of the work:** Distribution amplitude for the photon-pion transition.
Name of the conference: Light Cone 2008: Relativistic Nuclear and Particle Physics (LC2008).
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Mulhouse, France
Date of event: 2008
End date: 2008
A. Courtoy; S. Noguera. "PoS".
- 5** **Title of the work:** Pion-photon TDAs in the NJL model
Name of the conference: International Workshop on Nuclear Physics/ 29th Course on Quarks in Hadrons and Nuclei
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication



City of event: Erice, Italy

Date of event: 2007

End date: 2007

Courttoy, A.; Noguera, S. "Progress in particle and nuclear physics; Vol. 61, Nº 1; Páginas: 170-172 (2008)".

6 Title of the work: Generalized parton distributions of the pion in a Bethe-Salpeter approach

Name of the conference: 10th International Conference on Structure of Baryons

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Palaiseau, France

Date of event: 2004

End date: 2004

Noguera, S.; Vento, V.; Theussl, L. "NUCLEAR PHYSICS A Volume: 755 Pages: 545C-548C (2005)".

7 Title of the work: The pion Generalized Parton Distribution in the Nambu Jona Lasinio model

Name of the conference: Light-Cone Workshop: Hadrons and Beyond (LC 03)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: University of Durham, United Kingdom

Date of event: 2003

End date: 2003

L. Theussl; S. Noguera; V. Vento. "Proceedings del congreso. Edited by S. Dalley (2003)".

8 Title of the work: Comparison of different boost transformations for the calculation of form factors in relativistic quantum mechanics

Name of the conference: 18th European Conference on Few-Body Problems in Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Bled, Slovenia

Date of event: 2002

End date: 2002

Theussl, L.; Amghar, A.; Desplanques, B.; Noguera, S. "Few-Body Systems Supplementum; vol. 14; Páginas: 393-398 (2003)".

9 Title of the work: Improved implementation of the Point-Form Approach for the Calculation of Form Factors

Name of the conference: 18th European Conference on Few-Body Problems in Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Bled, Slovenia

Date of event: 2002

End date: 2002

Noguera, S.

10 Title of the work: Photoproduction of Resonances in a Relativistic Quark Pair Creation Model

Name of the conference: 9th International Conference on the Structure of Baryons (BARYONS 2002)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Newport News, Virginia, United States of America

Date of event: 2002

End date: 2002



Cano, F.; González, P.; Noguera, S.; Desplanques, B. "Proceedings del congreso. Edited by Carl E Carlson & Bernhard A Mecking. World Scientific Publishing (2003). ISBN: 9789812704887".

11 Title of the work: Effective boost and point-form approach

Name of the conference: 9th International Conference on the Structure of Baryons (BARYONS 2002)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Newport News, Virginia, United States of America

Date of event: 2002

End date: 2002

Desplanques, B.; Noguera, S.; Theussl, L.

12 Title of the work: Nucleon electromagnetic form factors in a relativistic quark-pair-creation model

Name of the conference: XVIIth European Conference on Few-Body Problems in Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Evora, Portugal

Date of event: 2000

End date: 2000

Cano, F; Desplanques, B; Gonzalez, P; Noguera, S. "NUCLEAR PHYSICS A Volume: 689 Issue: 1-2 Pages: 493C-496C (2001)".

13 Title of the work: Electromagnetic Form Factors in the Wick-Cutkosky Model

Name of the conference: XVIIth European Conference on Few-Body Problems in Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Evora, Portugal

Date of event: 2000

End date: 2000

Theussl L.; Medrano R.; Desplanques B.; Noguera S.

14 Title of the work: Description of the Nucleon Form Factors at High q^2 within Constituent Quark Models

Name of the conference: XVIIth European Conference on Few-Body Problems in Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Evora, Portugal

Date of event: 2000

End date: 2000

B. Desplanques; B. Silvestre-Brac; F. Cano; P. Gonzalez; S. Noguera.

15 Title of the work: Electromagnetic baryon transitions from a quark pair creation model

Name of the conference: 8th International Conference on the Structure of Baryons

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Bonn, Germany

Date of event: 1998

End date: 1998

F. Cano; P. Gonzalez; S. Noguera; B. Desplanques. "World Scientific, 85-89 (1999) ISBN: 978-9810238650".

- 16** **Title of the work:** An Extended Vector Meson Dominance Model for Electromagnetic Baryon Transitions
Name of the conference: Workshop on Electromagnetic Interactions with Nucleons and Nuclei
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Santorini, Greece
Date of event: 1997
End date: 1997
Noguera, S.
- 17** **Title of the work:** The behaviour of the nucleon form factors at high momentum transfers in a non relativistic three quark model
Name of the conference: PANIC96: XIV International Conference on Particles and Nuclei Conference
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Williamsburg, Virginia, United States of America
Date of event: 1996
End date: 1996
Noguera, S. "World Scientific (1997)".
- 18** **Title of the work:** Study of strong pion decays with a modified 3P0 model
Name of the conference: 15th European Conference on Few-Body Problems in Physics
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Peñíscola, Spain
Date of event: 1995
End date: 1995
Organising entity: 0739 - Instituto de Física Corpuscular-CSIC
Noguera, S. "Few-body Problems in Physics '95: In Memoriam Professor Paul Urban. Ed. Springer Verlag (1996). ISBN: 9783211827321".
- 19** **Title of the work:** The optical model and the single particle contribution to the parity non conserving effects in neutron-nucleus scattering
Name of the conference: Workshop on Parity and Time reversal Violation in Compound Nuclear States
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Trento, Italy
Date of event: 1995
End date: 1995
Organising entity: 7427 - The European Centre for Theoretical Studies in Nuclear Physics and Related Areas (ECT*) **Type of entity:** **Acadèmies Científiques
Noguera, S. "Proceedings. Edited by N. Auerbach, J.D. Bowman. World Scientific, (1996) 402 p.".
- 20** **Title of the work:** Strong pionic decays of baryons from a spectroscopic quark model
Name of the conference: 7th International Conference on the Structure of Bayrons
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Santa Fe, Nuevo México, United States of America
Date of event: 1995
End date: 1995



F. Cano; P. Gonzalez; S. Noguera; B. Desplanques. "Proceedings in World Scientific, 307-310 (1996), ISBN: 978-9810227098".

21 Title of the work: About the PNC at the peak of p-resonances in ^{232}Th and ^{238}U

Name of the conference: PANIC XIII: Particles and Nuclei International Conference

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Perugia, Italy

Date of event: 1993

End date: 1993

S. Noguera, B. Desplanques. "World Scientific (1994)".

22 Title of the work: Fractional parentage coefficients for $\text{SU}(4)$ symmetric states in the seniority scheme

Name of the conference: Group Theory and Special Symmetries in Nuclear Physics. International Symposium in Honor of K.T. Hecht.

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Ann Arbor, Michigan, United States of America

Date of event: 1991

End date: 1991

S. Noguera, B. Desplanques. "World Scientific. Pags. 300-3005 (1992)".

23 Title of the work: The 0ν BB decay in a $\text{SU}(4)$ symmetric model

Name of the conference: NEUTRINO'90

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Ginebra, Switzerland

Date of event: 1990

End date: 1990

Noguera, S.

24 Title of the work: Double beta decay and the $\text{SU}(4)$ symmetry

Name of the conference: International school 'Low energy weak interactions' (LEWI '90)

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Dubna, Russia

Date of event: 1990

End date: 1990

J. Bernabéu; S. Noguera; B. Desplanques; J. Navarro. "Proceedings del congreso (1991)".

25 Title of the work: Double beta decay in the $\text{SU}(4)$ symmetry scheme

Name of the conference: Panic XII: International Conference on Particles and Nuclei

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Bosto, Massachusetts, United States of America

Date of event: 1990

End date: 1990

Organising entity: 7069 - Massachusetts Institute of Technology (MIT)

Noguera, S.



- 26** **Title of the work:** The roper resonance and the three quark forces
Name of the conference: Panic XII: International Conference on Particles and Nuclei
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Boston, Massachusetts, United States of America
Date of event: 1990
End date: 1990
Organising entity: 7069 - Massachusetts Institute of Technology (MIT)
 Noguera, S.
- 27** **Title of the work:** The 2 Nu Beta Beta Decay And The Su(4) Symmetry
Name of the conference: Taup 89: Workshop on Theoretical and Phenomenological Aspects of Underground Physics
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Laquila, Italy
Date of event: 1989
End date: 1989
 Noguera, S."Editions Frontieres.pags. 235-240 (1989)".
- 28** **Title of the work:** Gamow-Teller Strength from Spin-Isospin Saturated Nuclei
Name of the conference: Weak and Electromagnetic Interactions in Nuclei
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Heidelberg (RFA), Germany
Date of event: 1986
End date: 1986
 Desplanques, B.; Noguera, S."Proceedings del congreso. Edited by H. V. Klapdor. Springer-Verlag, (1986) p.344".
- 29** **Title of the work:** Structure functions in the chiral bag model
Name of the conference: International Nuclear Physics Conference
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Harrogate, United Kingdom
Date of event: 1986
End date: 1986
Organising entity: BRCO - British Council **Type of entity:** **Acadèmies Científiques
 Vento, V."Proceedings of the conference. ISBN 978-0854981748".
- 30** **Title of the work:** Electron scattering on nuclei in 1+1 dimensions
Name of the conference: International Nuclear Physics Conference
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Harrogate, United Kingdom
Date of event: 1986
End date: 1986
Organising entity: BRCO - British Council **Type of entity:** **Acadèmies Científiques
 Vento, V."Proceedings of the conference. ISBN 978-0854981748".



- 31** **Title of the work:** Parity Non Conserving Effects Studied with Thermal Neutrons
Name of the conference: Lectures on Weak Interactions
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Institut Laue-Langevin. Grenoble, France
Date of event: 1985
End date: 1985
Noguera, S.
- 32** **Title of the work:** Parity Violation in the NucleonWave Function Electromagnetic interaction and PNC Meson-Nucleon Coupling Constant
Name of the conference: International Conference on Particles and Nuclei (PANIC)
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Heidelberg (RFA), Germany
Date of event: 1984
End date: 1984
Noguera, S."Book of Abstracts (1984)".
- 33** **Title of the work:** The Contribution of the Neutron-Nucleus Component to the Parity Non-Conserving Neutron Spin Rotation at Thermal Energy
Name of the conference: International Conference on Nuclear Physics
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Florence, Italy
Date of event: 1983
End date: 1983
Noguera, S."Proceedings del congreso; Volumen 2 (1983)".
- 34** **Title of the work:** Hyperon non-leptonic decays in the bag model
Name of the conference: Nuclear Physics meeting, ed F. D. Santos
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Lisboa, Portugal
Date of event: 1983
End date: 1983
Noguera, S.
- 35** **Title of the work:** Non Leptonic Decays and Chiral Bags
Name of the conference: International Conference on Nuclear Structure
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - invited/keynote talk
City of event: Amsterdam, Holland
Date of event: 1982
End date: 1982
Noguera, S."Proceedings del congreso. Volumen 6,Parte 2. Ed. European Physical Society, 1982".
- 36** **Title of the work:** Low Energy Strong Resonances and Threshold weak amplitudes
Name of the conference: International Conference on High Energy Physics and Nuclear Structure (Icohepans)
Type of event: Conference **Geographical area:** International



Type of participation: Participatory - invited/keynote talk

City of event: Versailles, France

Date of event: 1981

End date: 1981

Noguera, S.

37 Title of the work: Weak interaction of quarks: Parity violation in neutron-nuclear scattering

Name of the conference: International School on Nuclear Physics

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Trieste, Italy

Date of event: 1981

End date: 1981

Bernabéu, J.

R&D management and participation in scientific committees

Organization of R&D activities

1 Title of the activity: Light Cone 2010

Type of activity: Miembro del International Advisory Board

Start date: 2010

2 Title of the activity: Modelization of the SPD's, en el workshop ESOP-Skew Parton Distributions

Type of activity: Chairman de la sesión

Start date: 2001

3 Title of the activity: Meeting conjunto de las redes europeas HaPHEEP-ESOP y proyecto ELFE

Type of activity: Organizador

Start date: 2000

4 Title of the activity: 'Few body dynamics: Nuclear and particle systems' en la 16th European Conference on Few Body Problems in Physics

Type of activity: Chairman de la sesión

Start date: 1998

5 Title of the activity: 'Few body dynamics: Nuclear and particle systems' en la 16th European Conference on Few Body Problems in Physics

Type of activity: Chairman de la sesión

Start date: 1998

6 Title of the activity: Meeting inicial de la red europea HaPHEEP (Hadronic Physics with High Energy Electromagnetic Probes)

Type of activity: Organizador

Start date: 1996

7 Title of the activity: Workshop on Theoretical and Phenomenological Aspects of Underground Physics (TAUP'91)

Type of activity: Miembro del comité local de la organización

Start date: 1991



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Dipartimento di Fisica. Università di Perugia
City of entity: Perugia, Italy
Start date: 2012 **Duration:** 16 days
Goals of the stay: Guest
Provable tasks: Distribuciones de partones
- 2** **Entity:** Institut de Physique Nucléaire. Université Paris-Sud 11
City of entity: Orsay, France
Start date: 2012 **Duration:** 16 days
Goals of the stay: Guest
Provable tasks: Distribuciones de partones
- 3** **Entity:** Departamento de Física. Centro Atómico Constituyentes. Comisión Nacional de Energía Atómica.
City of entity: Buenos Aires, Argentina
Start date: 2012 **Duration:** 10 days
Goals of the stay: Guest
Provable tasks: Modelos hadrónicos no locales
- 4** **Entity:** Dipartimento di Fisica. Università di Perugia
City of entity: Perugia, Italy
Start date: 2011 **Duration:** 16 days
Goals of the stay: Guest
Provable tasks: Distribuciones de partones
- 5** **Entity:** Departamento de Física. Centro Atómico Constituyentes. Comisión Nacional de Energía Atómica
City of entity: Buenos Aires, Argentina
Start date: 2011 **Duration:** 16 days
Goals of the stay: Guest
Provable tasks: Modelos hadrónicos no locales
- 6** **Entity:** Dipartimento di Fisica. Università di Perugia
City of entity: Perugia, Italy
Start date: 2010 **Duration:** 1 month - 16 days
Goals of the stay: Guest
Provable tasks: Distribuciones de partones
- 7** **Entity:** Departamento de Física. Centro Atómico Constituyentes. Comisión Nacional de Energía Atómica
City of entity: Buenos Aires, Argentina
Start date: 2010 **Duration:** 18 days
Goals of the stay: Guest
Provable tasks: Modelos hadrónicos no locales



- 8** **Entity:** Departamento de Física. Centro Atómico Constituyentes. Comisión Nacional de Energía Atómica
City of entity: Buenos Aires, Argentina
Start date: 2009 **Duration:** 15 days
Goals of the stay: Guest
Provable tasks: Modelos hadrónicos no locales
- 9** **Entity:** Departamento de Física. Centro Atómico Constituyentes. Comisión Nacional de Energía Atómica
City of entity: Buenos Aires, Argentina
Start date: 2008 **Duration:** 19 days
Goals of the stay: Guest
Provable tasks: Modelos hadrónicos no locales
- 10** **Entity:** Dpartimento di Fisica. Università di Perugia
City of entity: Perugia, Italy
Start date: 2008 **Duration:** 13 days
Goals of the stay: Guest
Provable tasks: Distribuciones de partones
- 11** **Entity:** Laboratoire de Physique Subatomique de Cosmologie (LPSC)
City of entity: Grenoble, France
Start date: 2004 **Duration:** 1 month - 1 day
Goals of the stay: Guest
Provable tasks: Descripción relativista de sistemas hadrónicos
- 12** **Entity:** Institut des Sciences Nucléaires
City of entity: Grenoble, France
Start date: 2001 **Duration:** 2 months
Goals of the stay: Guest
Provable tasks: Descripción relativista de sistemas hadrónicos.
- 13** **Entity:** Institut des Sciences Nucléaires
City of entity: Grenoble, France
Start date: 2001 **Duration:** 14 days
Goals of the stay: Guest
Provable tasks: Descripción relativista de sistemas hadrónicos
- 14** **Entity:** Institut des Sciences Nucléaires
City of entity: Grenoble, France
Start date: 2000 **Duration:** 14 days
Goals of the stay: Guest
Provable tasks: Descripción relativista de sistemas hadrónicos
- 15** **Entity:** Institut des Sciences Nucléaires
City of entity: Grenoble, France
Start date: 1999 **Duration:** 16 days
Goals of the stay: Guest
Provable tasks: Descripción relativista de sistemas hadrónicos
- 16** **Entity:** Institut des Sciences Nucléaires
City of entity: Grenoble, France
Start date: 1997 **Duration:** 2 months



Goals of the stay: Guest

Provable tasks: Desintegraciones doble beta. Propiedades electromagnéticas de bariones

17 Entity: Institut des Sciences Nucléaires

City of entity: Grenoble, France

Start date: 1996

Duration: 3 months

Goals of the stay: Guest

Provable tasks: Desintegraciones doble beta. Propiedades electromagnéticas de bariones

18 Entity: Institut des Sciences Nucléaires

City of entity: Grenoble, France

Start date: 1995

Duration: 21 days

Goals of the stay: Guest

Provable tasks: Violación de paridad en colisión neutrón-Núcleo.

19 Entity: Institut des Sciences Nucléaires

City of entity: Grenoble, France

Start date: 1990

Duration: 3 months

Goals of the stay: **Contractat - Contratado Beca Mercurio

Provable tasks: Desintegración doble beta

20 Entity: Institut de Physique Nucléaire (IPN).

City of entity: Orsay, France

Start date: 1985

Duration: 5 months

Goals of the stay: **Contractat - Chercheur associé à IN2P3.

Provable tasks: Violación de paridad en colisión neutrón-Núcleo. Polarizabilidad nuclear.

21 Entity: Institut de Physique Nucléaire (IPN).

City of entity: Orsay, France

Start date: 1984

Duration: 6 months

Goals of the stay: **Contractat - Chercheur associé à CNRS

Provable tasks: Violación de paridad en colisión neutrón-Núcleo. Polarizabilidad nuclear.

22 Entity: Institut Max Von Laue y Paul Langevin (ILL)

City of entity: Grenoble, France

Start date: 1982

Duration: 2 years

Goals of the stay: Post-doctoral

Provable tasks: Violación de paridad en colisión neutrón-Núcleo. Polarizabilidad nuclear.

Obtained grants and scholarships

1 Name of the grant: Investigador visitante (nivel Professeur 1ère classe)

Awarding entity: Institut des Sciences Nucléaires de Grenoble (Francia) **Type of entity:** Body, others

Conferral date: 01/06/2001

Duration: 2 months

End date: 31/07/2001

2 Name of the grant: Investigador visitante (nivel Professeur 2ème classe)

Awarding entity: Institut des Sciences Nucléaires de Grenoble (Francia) **Type of entity:** Body, others



Conferral date: 15/05/1997
End date: 15/07/1997

Duration: 2 months - 1 day

3 Name of the grant: Beca Mercurio

Awarding entity: Institut des Sciences Nucléaires de Grenoble (Francia) **Type of entity:** Body, others

Conferral date: 01/09/1990
End date: 30/11/1990

Duration: 3 months

4 Name of the grant: Investigador visitante

Awarding entity: Institut de Physique Nucléaire (I.P.N.). Orsay. Francia

Conferral date: 01/09/1984
End date: 31/08/1985

Type of entity: Body, others

Duration: 1 year

5 Name of the grant: Beca postdoctoral del Plan Nacional de Formación de Personal Investigador

Awarding entity: Ministère de la Recherche et de l'Industrie français en el Institut Max Von Laue - Paul Langevin (I.L.L.). Grenoble. Francia

Conferral date: 01/09/1982
End date: 31/08/1984

Type of entity: Body, others

Duration: 2 years

Summary of other achievements

1 Description of the achievement: Evaluador de revistas científicas internacionales: Physics Letters B. Nuclear Physics A. Physical Review C. Physical Review D. European Physics Journal A. Journal of Physics G: Nuclear and Particle Physics

2 Description of the achievement: Se detallan a continuación aquellas responsabilidades en la gestión de la Universidad de carácter unipersonal: 1. Director del Departamento de Física Teórica de la Universidad de Valencia desde 1 de julio 1992 hasta 18 junio 1995. 2. Responsable del tercer ciclo de Física Teórica de la Universidad de Valencia los cursos 1993-94, 94-95, 95-96. En este periodo se obtuvo el reconocimiento de doctorado de calidad por parte del Ministerio de Educación y Ciencia en las convocatorias de 1994 y 1995. 3. Secretario de la Comisión de Profesorado de la Universidad de Valencia desde el 16 de abril de 2002 hasta el 24 de enero de 2006 4. Secretario de la Comisión de Recursos de la Universidad de Valencia desde el 25 de febrero de 2004 hasta el 1 de junio de 2006. 5. Director del Máster Oficial en Física Avanzada desde septiembre de 2006 hasta junio 2007. Debe resaltarse que ese año fue el primer año de funcionamiento del máster, por lo que debió asumirse la tarea adicional de poner en marcha un proyecto de este tipo. Este máster incluye las especialidades de Física Teórica, Física Nuclear y de Partículas, Astrofísica y Fotónica. En él participan profesores de los departamentos de Física Teórica, Física Atómica Molecular y Nuclear, Astronomía y Astrofísica, Óptica y Física Aplicada. 6. Director del Programa Oficial de Posgrado en Física de la Universidad de Valencia desde septiembre de 2006 hasta junio de 2007. Debe resaltarse que ese año fue el primer año de funcionamiento del Programa Oficial de Posgrado, por lo que debió asumirse la tarea adicional de poner en marcha un proyecto de este tipo. En el Programa participan los departamentos de Física Teórica, Física Atómica Molecular y Nuclear, Astronomía y Astrofísica, Óptica y Física Aplicada. Este programa tiene concedida la mención de calidad por resolución del MEC (código MCD2006-00575 BOE 30-8-2006, p.31371, renovado en BOE 12-10-2007, p.41572). 7. Director del Departamento de Física Teórica de la Universidad de Valencia desde 1 de abril 2007 hasta el 12 de abril de 2013. 8. Director del Programa Oficial de Posgrado en Física de la Universidad de Valencia desde junio de 2010 hasta junio de 2013. Debe resaltarse que en este periodo se realizó la validación ante la ANECA del nuevo título oficial de Doctorado en Física por la Universidad de Valencia al amparo del Real Decreto 99/2011, de 28 de enero. 9. Miembro del Consejo de Gobierno de la Universidad de Valencia desde junio de 2009 hasta junio de 2011. 10. Vicedirector del Instituto de Física Corpuscular (IFIC- Centro



mixto UV-CSIC) desde el 22 de julio de 2015 hasta el 7 de octubre de 2021. 11. Miembro del Consejo de Gobierno de la Universidad de Valencia desde septiembre de 2017 hasta septiembre de 2019.

- 3 Description of the achievement:** Se detallan a continuación a participación en comisiones y organos colectivos de la Universidad de Valencia: 1. Miembro del Claustro de la Universidad de Valencia desde diciembre 1993 a diciembre 1997 2. Miembro de la Comisión de Estatutos desde marzo de 1994 hasta marzo 1998. 3. Miembro de la Comisión de Profesorado de la Universidad de Valencia desde el 23 de marzo de 1999 hasta el 24 de enero de 2006. 4. Miembro de la Comisión de Recursos de la Universidad de Valencia desde el 30 de septiembre de 2003 hasta el 27 de junio de 2006. 5. Miembro de la Comisión de Posgrado de la Universidad de Valencia desde el 30 de octubre de 2010 hasta mayo 2013. 6. Miembro de la Comisión de Coordinación Académica del Máster Oficial en Física Avanzada desde septiembre de 2006 hasta junio 2013. Este máster incluye las especialidades de Física Teórica, Física Nuclear y de Partículas, Astrofísica y Fotónica. En él participan profesores de los departamentos de Física Teórica, Física Atómica Molecular y Nuclear, Astronomía y Astrofísica, Óptica y Física Aplicada. 7. Miembro de la Comisión de Coordinación del Doctorado en Física de la Universidad de Valencia desde septiembre de 2006 hasta junio 2013. Este programa tiene concedida la mención de calidad por resolución del MEC (código MCD2006-00575 BOE 30-8-2006, p.31371, renovado en BOE 12-10-2007, p.41572).