

CURRICULUM VITAE

Last name : MUÑOZ CAMACHO
First name : Carlos
Place and date of birth : August 19, 1978 (Seville, Spain)
Address : IPN-Orsay, 15 rue Georges Clémenceau, 91400 Orsay (France)
Phone : +33(0)169156302
E-mail : munoz@ipno.in2p3.fr

Education

2002–2005 : Ph. D. Physics (Université de Paris 6/CEA-Saclay)
2001–2002 : Master 'Champs, Particules et Matière' (Orsay).
1999–2001 : 'Magistère Interuniversitaire de Physique'
at the École Normale Supérieure d'Ulm (Paris).

Employment

2007–Present : Staff scientist at 'Centre National de la Recherche Scientifique'.
2006–2007 : Postdoctoral Research Associate at Los Alamos National Laboratory,
Spin physics at RHIC (Brookhaven National Lab, USA).

Academic awards

- **C.N.R.S Bronze Medal** (2010).
- **CEBAF Thesis Prize** (2006), Southeastern Universities Research Association.

Selected publications (> 130 total refereed publications)

- M. Duer et al., **Nature** **560**, 617–621 (2018).
- M. Defurne et al., **Nature Communications** **8**, 1408 (2017).
- M. Mazouz et al., **Phys. Rev. Lett.** **118**, 222002 (2017).
- M. Defurne et al., **Phys. Rev. Lett.** **117**, 262001 (2016).
- M. Defurne et al., **Phys. Rev. C** **92**, 055202 (2015).
- O. Hen et al., **Science** **346** (2014) 614-617.
- I. Pomerantz et al., **Phys. Rev. Lett.** **110**, 242301 (2013).
- I. Bedlinskiy et al., **Phys. Rev. Lett.** **109**, 112001 (2012).
- E. Fuchey et al., **Phys. Rev. C** **83**, 025201 (2011).
- C. Muñoz Camacho, **AIP Conf. Proc.** **1056**, 380 (2008).
- C. Muñoz Camacho *et al.*, **RIKEN Accel. Prog. Rep.** **41**, 157 (2008).
- A. Adare *et al.*, **Phys. Rev. Lett.** **101**, 162301 (2008).
- M. Mazouz *et al.*, **Phys. Rev. Lett.** **99**, 242501 (2007).
- M. Iodice *et al.*, **Phys. Rev. Lett.** **99**, 052501 (2007).
- C. Muñoz Camacho *et al.*, **Phys. Rev. Lett.** **97**, 262002 (2006).

Scientific responsibilities

- Spokesperson of experiment E07-007 at Jefferson Lab (2010).
- Spokesperson of experiment E12-06-114 at Jefferson Lab 12 GeV (2014–2016).
- Spokesperson of experiment E12-13-010 at Jefferson Lab 12 GeV (~2021–2022).

- Spokesperson of Letter of Intent LOI-10-002 at Jefferson Lab :
Gluon imaging through ϕ meson electroproduction.
- Organizer of the scientific program “The Jefferson Laboratory Upgrade to 12 GeV” at the Institute of Nuclear Theory (Seattle, WA, USA) : Sep-Nov 2009.
- President of the Nuclear Physics Division of the ‘Société Française de Physique’ (2016–present).
- Chairman of the Hall A Collaboration at Jefferson Lab (2016–2018).
- Organizer of the Annual Young Researchers Meeting (2009 and 2010).
- Physics seminar organizer at LPC-Clermont (2011).

International conferences (> 45 invited talks)

- **2018 European Nuclear Physics Conference** (Bologna, Italy), 2018.
- **Light Cone 2017** (Mumbai, India), 2017.
- **22nd International Spin Physics Symposium** (USA), 2016.
- **9th Int. Physics Conference of the Balkan Physical Union** (Turkey), 2015.
- **INT workshop on 3D Structure of Nucleon** (USA), 2014.
- **International Conference on New Frontiers in Physics** (Greece), 2013.
- **Kavli Institute for Theoretical Physics**, Beijing (China), 2012.
- **Int. Workshop on Hadron Structure & Spectroscopy**, Lisbon (Portugal), 2012.
- **Many manifestations of non-perturbative QCD** (Brazil), 2012.
- **XIII Workshop on High Energy Spin Physics**, Dubna (Russia), 2009.
- **Transverse Partonic Structure of Hadrons**, Yerevan (Armenia), 2009.
- **XIX International Baldin Seminar**, Dubna (Russia), octobre 2008.
- **6th Int. Conf. on Perspectives in Hadronic Physics** (Trieste, Italy), 2008.

Mentoring experience

- PhD advisor of 4 graduate students
- Research supervisor for 3 Postdoctoral Associates
- Mentor for research intership for 7 undergraduate students.

Teaching

- **Introduction to Computing** : 1st year undergraduate.
- **Laboratory assistant** : 5th year undergraduate.
- **Mathematics at École Centrale de Paris** : 3rd year undergraduate.
- **Semiconductors at l'École Supérieure d'Électricité** : 4th year undergraduate.
- **Computer architecture** : 3rd year undergraduate.

Synergistic activities

- Judge at the Intel International Science and Engineering Fair (2007)
- Judge at the Science Fair of *Menaul High School* (2006).
- Scientific expert at the **evaluation committee** of the *Cité des Sciences et de l'Industrie* of Paris.