

Brief Curriculum vitae

Name: Valle, J.W.F.

Nationalities: Brazilian and Spanish

Date of birth: 02/06/1953

Education: PhD degree in Physics at Syracuse University, New York, USA, 1982

Membership to Learned Societies:

- Real Sociedad Española de Física – **RSEF**
- American Physical Society, **APS**

Academic Positions

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| 1983-85 | Research Associate at Rutherford Appleton Laboratory, UK |
| 1986 | Visiting Professor at Univ. Autònoma de Barcelona |
| 1987-89 | Visiting Professor at Universitat de València |
| 1990-93 | Senior Researcher, Spanish National Research Council (CSIC) |
| 1993- | Full Professor, Spanish National Research Council (CSIC) |

Scientific Prizes & Awards

- ***Iberdrola Science & Technology Award*** in Theoretical Physics, **1999**
- ***Humboldt Research Award*** in Particle Physics, **2002**
- ***Medal of the Mexican Physical Society*** in Particle Physics, **2014**.
- Nominator for international awards such as the ***Raymond & Beverly Sackler Prize***, Tel Aviv, which has, amongst its awardees, Maldacena and Arkani-Hamed of Princeton.
- Nominated to the ***Sakurai Prize***, of the American Physical Society

Other duties and Institutional responsibilities

- Head of the Theory Division in IFIC from 2006 to 2013
- **ENTAp** committee member, from 2002 to 2006
- Coordinator of National Astroparticle Network **RENATA**, from 2007 to 2010
- Current member of **MULTIDARK** Advisory Board.

Research Grants

Since the early nineties has acted as Spanish scientist-in-charge in various international exchange projects involving **IFIC** and the main European universities and Research Laboratories. As research leader he has acted as principal investigator in many research grants of the **FPA** program of the Spanish Science Ministry since 1990. He is currently Valencia scientist-in-charge in Spain's **MULTIDARK** Consolider project. He was PI in 15 European projects. For example:

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|---|------------------------------------|
| 1. <i>Beyond the Standard Model</i> network | European Union Framework Program 4 |
| 2. <i>INTAS</i> project 96-0659 | European Union Framework Program 4 |
| 3. <i>Across the energy frontier</i> network | European Union Framework Program 5 |
| 4. <i>The Quest For Unification</i> network | European Union Framework Program 6 |
| 5. <i>Unification in the LHC era</i> UNILHC | European Union Framework Program 7 |

Coordinator of two European research projects:

2000-2004 *Neutrino astrophysics network* of the European Science Foundation
2002-2006 *Training Site* of the European Commission (Contract HPMT-2000-00124)

Research

(Co)-authored **282** publications in the Inspire HEP Database, with over **17000** citations (excluding self cites) with **$h=62$** in ISI WoK. Authored a recent **Textbook**: *Neutrinos in High Energy and Astroparticle Physics* <http://t.co/yUSLiF1cGX> reviewed in the CERN Courier <http://t.co/6Vb4TSHdNZ> Gave **more than a hundred invited talks**, e.g. *XXIV Int Symposium on Lepton and Photon Interactions at High Energies (LP-2009)*; *XXIV Int Conf on Neutrino Physics and Astrophysics (Neutrino-2010)*; *XII Int Workshop on Neutrino Factories, Superbeams and Beta beams (NUFACT-2010)*; *Pascos-2012* (Merida), *Planck-2013* (Bonn), *Pascos-2013* (Taiwan), *ISAPP-2014* (Lago Maggiore), *FFP-14* in Marseille, *Planck-2015* (Ioannina), etc. Co-edited about 10 books, including a [recent review volume with Plunkett & Kajita](#)

Team web site: <https://www.astroparticles.es/>

Research profile: **ORCID:** <http://orcid.org/0000-0002-1881-5094> , **Research ID:** F-7573-2013

Google Scholar : <https://scholar.google.es/citations?user=X5QO9OMAAAAJ>

Inspire HEP Database <http://inspirehep.net/author/profile/J.W.F.Valle.1>

Mentor of 50 graduate students and post-doctoral fellows

Members of his prestigious research school, are now spread worldwide. Many now hold staff positions, mainly in academia, in a variety of countries including: Brazil (**4**), Chile (**1**), Colombia (**2**), France (**1**), Germany (**2**), Italy (**2**), Japan (**1**), Mexico (**3**), Norway (**1**), Spain (**5**), Sweden (**1**), the UK (**2**) and the USA (**2**). Apart from these tenured scientists in academia **7** others are in the **private sector** or other fields. The remaining are still at the **post-doctoral training stage**.

Commissions of trust

- Chief Editor of ***Frontiers in High Energy and Astroparticle Physics***, Lausanne (Switzerland)
- Member of the Editorial Board of ***Physical Review D*** of the American Physical Society, USA
- Member of the Editorial Board of ***New J. Physics*** of the Institute of Physics Science, Bristol, UK.
- Member of the Editorial Board of ***Conference Papers in Physics*** Hindawi, New York, USA .
- Member of many International Advisory Boards [TAUP](#), [NOW](#), [FLASY](#), [ISAPP](#), [IDPASC](#)...
- Referee for the ***Review of Particle Physics***, published by the Particle Data Group
- Referee for most of the leading HEP journals, ***PRD***, ***PRL***, ***NPB***, ***PLB***, ***JHEP***, ***JCAP***, etc
- Has served as peer reviewer for Department of Energy (***DOE***), US National Science Foundation (***NSF***), Danish National Research Foundation (***DNRF***) (Denmark), Israel Science Foundation (***ISF***), Swiss National Science Foundation (***SNSF***), Netherlands Organisation for Scientific Research (***NWO***), Agencia Nacional de Evaluación y Prospectiva (***ANEP***, Spain), Institució Catalana de Recerca i Estudis Avançats (***ICREA***, Spain), Comisión Nacional de Investigación Científica y Tecnológica (***CONICYT***, Chile), Italian Research & Evaluation Agency (***ANVUR***), and many others.

Organisation of scientific meetings, schools and Teaching activities

- Co-organized **20 international conferences**, in Germany, Denmark, US, Egypt, Greece and Italy.
- He has **co-organized several summer schools**, for example Corfu (2011) and Valencia (2012).
- Lectured at many **international schools**, in Brazil, Greece, Italy, Japan, Korea, Mexico, etc.
- Lectured at Master & Doctoral courses at Univ. of Valencia since 1987, and at foreign institutions in various countries, such as Brazil, Mexico, Italy, Germany, Japan, Korea, etc.