

# Nahuel Statuto | CV

Carrer Sant Baltasar – 08014 – Barcelona, Spain

+34 691 66 44 62 • Web CV

✉ nahuel.statuto@gmail.com



## Education

**University of Barcelona** **Barcelona, ES**  
*PhD in Physics.* 2014–Present

**University of Barcelona** **Barcelona, ES**  
*Master's degree in Astrophysics, Particle Physics and Gravitation.* 2012–2014

**University of Barcelona** **Barcelona, ES**  
*Degree in Mathematics.* 2005–2011

Additional.....

**New York University** **New York, USA**  
*PhD in Physics. Visiting Student.* June - September 2017

**University of Padua** **Padua, IT**  
*Degree in Mathematics (ERASMUS Programme).* 2009–2010

## Scholarships

**Title:** FI - Ajuts per a la contractació de personal investigador novell

**Description:** Scholarship funded by Catalan Govern for novel researchers. 3 years (2016-2019).

## Work Experience

**Academia Gauss** **Castelldefels, ES**  
*Director and Educator* July 2012–Present  
Business management and mathematics teacher for university students. [www.academiagauss.cat](http://www.academiagauss.cat)

**Editorial McGraw-Hill** **Madrid, ES**  
*Technical Content Editor* September 2015 - April 2016  
Author of complementary teacher contents for high school books.  
Publication: *Matemàtiques 2n ESO (ISBN 987-84-486-0931-3)*

**Editorial Vicens Vives** **Barcelona, ES**  
*Technical Content Editor* March 2015 - February 2016  
Author of complementary teacher contents for high school books.

**Fundació Bosh i Gimpera** **Barcelona, ES**  
*Knowledge Transfer Officer* February 2014–July 2014  
Fundació Bosch i Gimpera (FBG-UB) is the Technology Transfer Office from the University of Barcelona.

**Capgemini** **Barcelona, ES**  
*Junior Developer* June 2011–March 2012  
Banking Software development for "La Caixa"

## Computer skills

### Operative systems:

Linux, Microsoft Windows.

### Office suites:

OpenOffice VBA, Microsoft Office VBA,  $\text{\LaTeX}$ .

### Program Languages and Software:

C, C#, Python, PL/I, Mathematica, MATLAB, HTML, CSS, JavaScript, Wordpress.

### Web:

SQL, Labview, Origin, R.

## Languages

Language	Reading	Writing	Listening	Speaking
○ English	Good	Good	Good	Good
○ Spanish	Excellent	Excellent	Excellent	Excellent
○ Catalan	Excellent	Good	Excellent	Excellent
○ Italian	Fair	Fair	Good	Good

## Teaching

**Classical Mechanics - Laboratory Basics:** Physics Degree (UB) *Academic year 2018-19*

**Magnetism and Superconductivity:** Physics Degree (UB) *Academic years 2015-16, 2016-17, 2017-18*

**Physics I:** Software Engineering degree (UB) *Academic year 2016-17, 2017-18*

## Outreach

### Associació Quadrívium (non-profit)

*President and Co-Founder*

**Catalonia, ES**

*March 2014–Present*

NGO for the public outreach of science in the Barcelona Area. [www.quadrivium.cat](http://www.quadrivium.cat)

### At University of Barcelona.....

Collaborations in popular science and outreach projects organized by the UB including workshops and experimental lessons at the Faculty of Physics of the University of Barcelona from 2015 to 2018:

**Physis: Materials extraordinaris en condicions extraordinàries:** *From 2015–2018*

**Taller de Física de Partícules:** *From 2015–2018*

**Experiments de Física:** *From 2015–2018*

## Publications

- M. Foerster, **N. Statuto**, B. Casals, A. Hernández-Mínguez, S. Finizio, A. Mandziak, L. Aballe, J. M. Hernández and F. Macià, J. Synchrotron Rad. Volumen 26, pags. 184-193 (2019).
- **N. Statuto**, J. M. Hernández, A. D. Kent, F. Macià, Nanotechnology, Volume 29, Number 32 (2018).
- J. Hang, C. Hahn, **N. Statuto**, F. Macià and A. D. Kent, Scientific Reports, Volume 8, Article number: 6847 (2018).
- M. Foerster, F. Macià, **N. Statuto**, S. Finizio, A. Hernández-Mínguez, S. Lendínez, P. Santos, J. Fontcuberta, J. M. Hernández, M. Kläui, L. Aballe, Nature Communications, volume 8, Article number: 407 (2017).
- J. Tejada, E. M. Chudnovsky, R. Zarzuela, **N. Statuto**, J. Calvo-de la Rosa, P. V. Santos and A.

Hernández-Mínguez, EPL (Europhysics Letters), Volume 118, Number 3 (2017).

- I. Imaz, J. Espin, D. Maspoch, J. Tejada, R. Zarzuela, **N. Statuto**, E. M. Chudnovsky, J. Am. Chem. Soc., 2016, 138 (29), pp 9065–9068 (2016).
- S. Lendínez, **N. Statuto**, D. Backes, A. D. Kent, and F. Macià, Physical Review B 92, 174426 (2015).

## Conference presentations

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- July 2018 **Poster**, ICM2018, San Francisco, USA.
- June 2017 **Poster**, Frontiers in Emergent Quantum Phenomena, New York, USA.
- November 2016 **Seminar**, MMM 2016, New Orleans, USA.
- July 2015 **Poster**, New directions in Spintronics and Nanomagnetism. XXII International Summer School Nicolás Cabrera, Mira Flores de la Sierra, Madrid, Spain.
- June 2015 **Poster**, 11th International Workshop on Nanomagnetism and Superconductivity at the Nanoscale, Coma-Ruga, Tarragona, Spain.

## Interests

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- I play electric bass and piano. Also, I study Jazz at *Taller de Musics*.
- Amateur Luthier. I like constructing and repairing musical instruments.
- I practice hiking and trekking.