



# José Sá

M.SC. THEORETICAL PHYSICS

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## Education

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### Universidade do Porto

M.SC. IN PHYSICS

- Currently following the theoretical branch and taking some mathematics courses
- Current classification **17/20**

Porto, Portugal

Setp. 2015 - PRESENT

### Universidade do Porto

B.S. IN PHYSICS

- National classification **17/20**, post-Bologna
- Minor in Physics

Porto, Portugal

Sept. 2011 - Jul. 2015

### Agrupamento Vertical de Escolas de Ponte da Barca

12TH GRADE

- National classification **18/20**

Ponte da Barca, Portugal

Sept. 2008 - Jul. 2011

## Skills

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**Programming Languages** Python, C/C++, Java, Actionscript 3

**Language Libraries** GNU Scientific Library, Apache Flex

**Symbolic/Numeric software** Advanced training with Wolfram Mathematica

**Design tools** Some experience with Photoshop, Illustrator, InDesign (Adobe suite)

**Languages** Portuguese(Native), English, Spanish

## Research

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### Study of angular anisotropies in the superradiant modes

SUPERVISED BY JOÃO ROSA FROM UNIVERSIDADE DE AVEIRO

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Porto, Portugal

Oct. 2016 - PRESENT

## Conferences & schools

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### 8th Mathematica Summer School on Theoretical Physics - Random Matrix Theory and applications

SUMMER SCHOOL

- Held at Hulbolt University, a week before IGST2016
- Main lecturers included Nikolay Gromov (King's College London), Vladimir Kazakov (ENS Paris), Alexander Migdal (Migdal LLC) and others.

Berlin, Germany

Aug. 15th 2016 - Aug. 19th 2016

### 2015 European School on Magnetism - From basic magnetic concepts to spin currents

SUMMER SCHOOL

- Organizing committee included CEA-Grenoble center, NEEL Institute, Babes-Bolyai University and Technical University of Cluj-Napoca
- Main lecturers include Michael Coey (Trinity College Dublin), Steve Blundell (University of Oxford) and others.

Cluj-Napoca, Romania

Aug. 24th 2015 - Sep. 4th 2015

## **II Estágio de Campo na Serra da Estrela**

*Serra da Estrela, Portugal*

FIELD INTERSHIP

*Aug. 24th 2015 - Sep. 4th 2015*

- Awarded students were given the opportunity of talking and living for 3 days with scientists that worked on polar regions
- Workshops on different topics like Arctic/Antarctic biology and geologic formation of *Serra da Estrela*
- Coordinated by Gonçalo Vieira (Universidade de Lisboa) and with the participation of marine biologist José C. Xavier (Universidade de Coimbra), Vanessa Batista (Ciência Viva) and Alexandre Trindade (Universidade de Lisboa)

## **Awards**

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### **À Descoberta das Regiões Polares**

*Ponte da Barca, Portugal*

AWARD (1ST PRIZE - WEBSITE CATEGORY)

*2007*

- National contest organized under the "LATITUDE60!" project, due to the International Polar Year 2007/2008
- Awarded with "II Estágio de Campo na Serra da Estrela"