IDPASC

International Doctorate in Particle Physics, AStrophysics and Cosmology







Jornadas do LIP, Feb 2016 Catarina Espírito Santo

IDPASC

- IDPASC Portugal
- The International network
- The DM@IDPASC H2020-ETN Proposal
- Prospects

IDPASC Portugal

Universities of Coimbra, Évora, Lisboa, Minho and Porto

Phase I

2010 – 2012: 20 grants



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Phase II

Doctoral program approved by FCT in 2014 with 24 grants for 4 years

2014: 7 grants; 2015: 6 grants

2016: Call open April to September



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Unstable and delayed funding

Insuficient number of grants, given the wideness of themes and participants



The International network **IDPASC** CERN U. Paris VI - Pierre et Marie Curiel U. Savoie U. Paris VII - Paris Diderot U. Trento U. Nova Gorica IFCA, Cantabria U. U. Udine U. Santiago Compostela **U.Padova** MAP_Fis U.Genova U. Porto U. Bari **EGO U.Salento** U. Coimbra U. Siena IST U. Valencia U. Lisboa U. Granada U. Évora **U. Algarve** CBPF S.Paulo

IDPASC events

General Schools	Thematic Schools	Courses	Workshops
Sesimbra 2010 Udine 2012 Santiago de Compostela 2013 Braga 2014 Paris 2015 Slovenia 2016	Higgs Dark matter Photosensors Neutrino Flavour Gravity school Frontier detectors + 3 graduate schools	Standard Model Statistics Physics at the LHC (2012) Physics at the LHC (2013) Physics at the LHC (2014) Physics at he LHC (2015) Physics at the LHC (2016)	PASC 2010 Dark Matter Photosensors Student Workshop Neutrinos New Worlds 2012 Gravity New Worlds 2014 Fundations of particle physics Particles and Light Future research & cosmic gamma rays Cosmic rays international seminar

2016: IDPASC School in Slovenia



... and in 2017, IDPASC School in Brazil



IDPASC

An impressive set of network events...

... What next?

The DM@IDPASC ETN Proposal

Marie Curie actions, Innovative Training Networks

ETN – European Training Network



Horizon 2020

Call: H2020-MSCA-ITN-2016

(Marie Skłodowska-Curie Innovative Training Networks)

Topic: MSCA-ITN-2016

Type of action: MSCA-ITN-ETN

(European Training Networks)

Proposal number: 721464

Proposal acronym: DMatIDPASC

15 contracts for ESR (Early Stage Researchers) engaged in a PhD

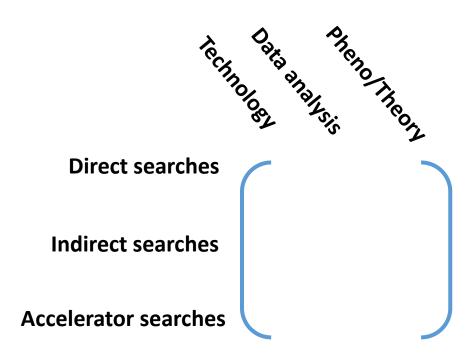
The DM@IDPASC ETN Proposal

... Stems from IDPASC, adding:

- Focus on a cutting-edge research subject
- A stronger mobility
- Links to non-academic sector and innovation

Key aspects are:

- Framework of international collaborations
- 30% of the time outside home institution
- Mandatory training periods in the non-academic sector
- An important componente of complementary skills training



The DM@IDPASC ETN Proposal

A subset of IDPASC institutions

- LIP (Portugal)
- LPNHE (France)
- University of Nova Gorica (Slovenia)
- University Salento (Italy)
- INFN Padova (Italy)
- University of Santander (Spain)
- University of Valencia (Spain)

Non-academic sector

- DreamQuark (France)
- Fondazione Bruno Kessler (Italy)
- SITAEL (Italy)
- COSYALB (Slovenia)
- Palais de la Découverte (France)
- Agência Ciência Viva (Portugal)

2 ESR

Prospects

Lessons learned...

- Start well in advance
- Be specific and detailed
- Make role and complementarity of partners very clear
- Make role of non-academic partners very clear
- Make added value and novel aspects very clear
- Try again next year, learning from comments

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Chances are low but

- New level of cooperation and organization achieved
- Same PhD projects can be proposed in different context
- Partnerships with non-academic sector can be kept
- Complementary training and partnerships with Agência
 Ciência Viva and Palais de la Découverte to be kept

