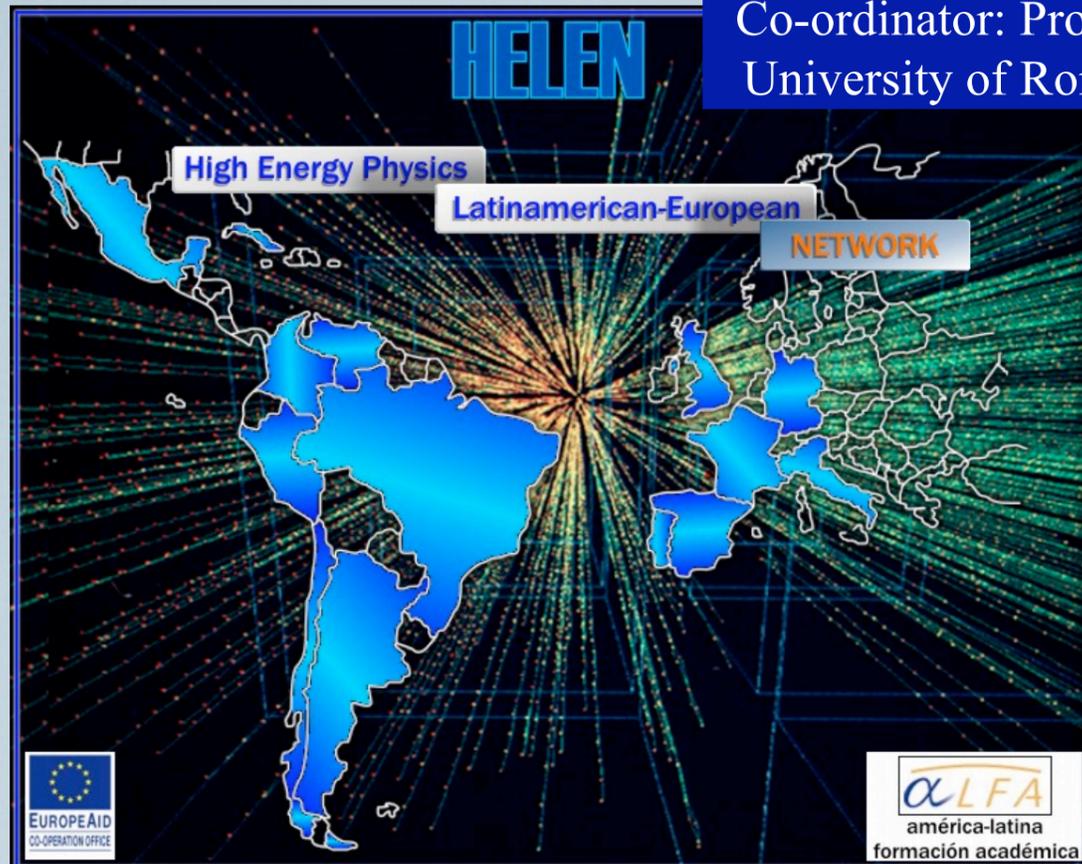


# HELEN

## High Energy Physics Latin American-European Network

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University of Rome "La Sapienza"



### ALFA: América Latina Formación Académica Academic Co-operation Programme between European Union and Latin America

WEB PAGES: [www.roma1/inf.n.it/exp/helen](http://www.roma1/inf.n.it/exp/helen)  
[vega.fis.cinvestav.mx/~helen/helen.html](http://vega.fis.cinvestav.mx/~helen/helen.html)

#### Network Objectives

- To provide advanced training to young generations of physicists in High Energy Physics, making use of the experimental facilities at **CERN (LHC)**, **DESY**, **Gran Sasso** and **Auger Observatory**
- To promote fundamental Physics in Latin America
- To contribute to the modernization of Physics education.
- To facilitate access of Latin American countries to the technological benefits in the accelerator, detector and information technology domains
- To strengthen the integration of the European and Latin American High Energy Physics communities.

#### Training Types

- ✓ **Complementary training (CT)**: Mobility of undergraduate students of the two final years of the University courses
- ✓ **Advanced training (AT)**: Doctorate, Master degrees or post-doctoral vocational specialisation courses
- ✓ **Short-term training (STT)**: as part of post-graduate studies
- ✓ **Researchers training (RT)**: specialised scientific visits for researchers

#### Visits of Professors

- ✓ To give seminars or short lecture series
- ✓ To enhance training
- ✓ To start new, collaborative, EU –LA and LA-LA research
- ✓ To oversee research internship of the grant-holders

#### Call for fellowships

Grants, requirements, conditions and deadline submissions are advertised in the HELEN web page

#### Participants

- 1 Universidad de Buenos Aires (Argentina)
- 2 Universidad Nacional de La Plata (Argentina)
- 3 Universidad Nacional de Mar del Plata (Argentina)
- 4 Centro Brasileiro de Pesquisas Físicas (CBPF) (Brazil)
- 5 Universidade de São Paulo – USP (Brazil)
- 6 Universidade do Estado do Rio de Janeiro –UERJ (Brazil)
- 7 Universidade Federal do Rio de Janeiro –UFRJ (Brazil)
- 8 Pontificia Universidad Católica de Chile (Chile)
- 9 Universidad Técnica "Federico Santa María" (Chile)
- 10 Universidad de Antioquia (Colombia)
- 11 Universidad Antonio Nariño (Colombia)
- 12 Universidad de los Andes (Colombia)
- 13 Universidad Nacional de Colombia (Colombia)
- 14 Instituto Superior de Tecnologías y Ciencias Aplicadas (InSTEC) (Cuba)
- 15 Centro de Investigación y de Estudios Avanzados del IPN (CINVESTAV) (Mexico)
- 16 Universidad Nacional Autónoma de México (UNAM) (Mexico)
- 17 Universidad Michoacana de San Nicolás de Hidalgo (UMICH) (Mexico)
- 18 Benemérita Universidad Autónoma de Puebla (BUAP) (Mexico)
- 19 Universidad Peruana Cayetano Heredia, Lima (Peru)
- 20 Pontificia Universidad Católica del Perú (Peru)
- 21 Universidad Central de Venezuela (Venezuela)
- 22 Universidad de Los Andes (Venezuela)
- 23 IN2P3 (France)
- 24 Université de Paris VI – Denis Diderot, Paris LPNHE, Paris (France)
- 25 Université Pierre et Marie Curie (Paris VII) (France)
- 26 CERN (International Organisation)
- 27 DESY (Germany)
- 28 Istituto Nazionale di Fisica Nucleare (I.N.F.N.) (Italy)
- 29 Università degli Studi di Padova "H Bo" (Italy)
- 30 Università degli Studi di Roma "La Sapienza" (Italy)
- 31 Università degli Studi di Roma "Tor Vergata" (Italy)
- 32 Università degli Studi di Torino (Italy)
- 33 Laboratório de Instrumentação e Física Experimental de Partículas (LIP) (Portugal)
- 34 Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas. CIEMAT (Spain)
- 35 Universidad Complutense de Madrid (Spain)
- 36 Universidad de Santiago de Compostela (Spain)
- 37 Universitat de Barcelona (Spain)
- 38 Universidad de Valencia (Spain)
- 39 Imperial College of Science, Technology and Medicine (United Kingdom)

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