



# Colombian Network on High Energy Physics

Propuesta ICTP 2019

# Propuesta

- Networks and affiliated centres. Proposal should include:
- Detailed scientific and financial plan for one year
- List of member institutions/individuals
- Description of Facilities of the member institutions
- Justification of the proposed network
- Commitment of the member institutions to contribute substantially to the expenses of the project

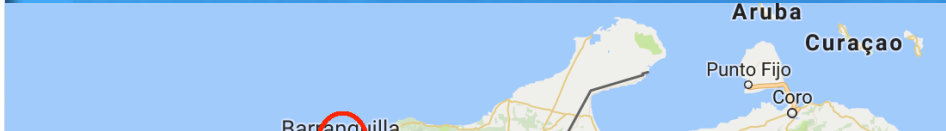


# Scientific plan


- Meetings: COMHEP y MOCa
- EHEP: LHC, Neutrinos, AUGER, DESI
- THEP: Flavour physics, Astroparticles, Cosmology, DM
- Outreach: Seminarios, charlas, talleres, Masterclasses



# Financial plan



| Activity                          | Total Cost   | Covered by the network | Covered by the hosting institution | Estimated total |
|-----------------------------------|--------------|------------------------|------------------------------------|-----------------|
| Scientific visit                  | 8 x 300 EUR  | 8 x 150 EUR            | 8 x 150 EUR                        | 2400 EUR        |
| <u>COMHEP</u> grants for students | 12 x 150 EUR | 12 x 150 EUR           |                                    | 1800 EUR        |
| MOCa grants for students          | 6 x 150 EUR  | 6 x 150 EUR            |                                    | 900 EUR         |



The total requested for the network in one year is 3900 EUR.



# Members

## Member Institutions/Individuals

The members of the Colombian Network on High Energy Physics (CONHEP) could be either:

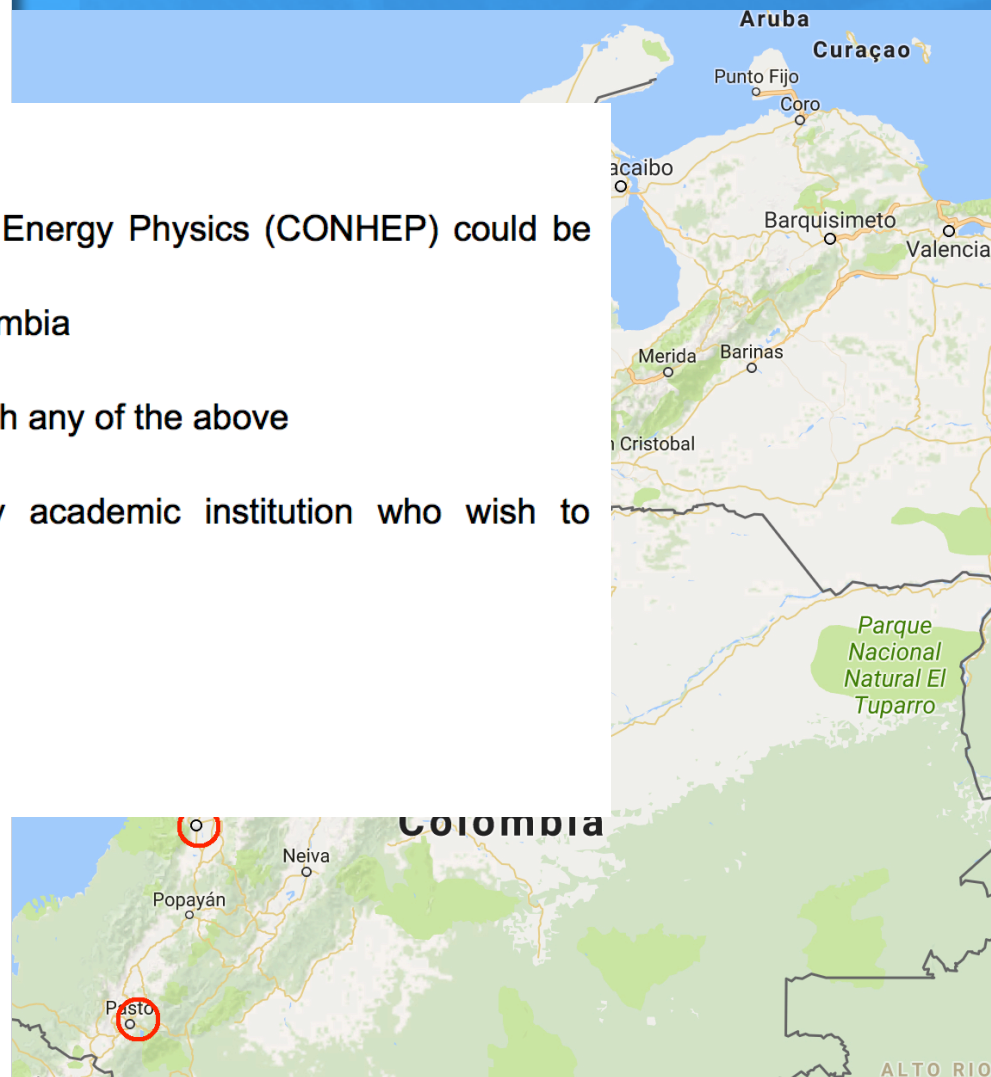
- Colombian scientists working on HEP in Colombia
- Colombian scientists working on HEP abroad
- Non-Colombian scientists who collaborate with any of the above

This extends to students or postdocs from any academic institution who wish to participate.

The network will comprise scientists working on:

- High Energy Physics
- General relativity and cosmology
- Astroparticle physics and cosmic rays

- **Board: 1 representante de cada Universidad y 1 representante externo**



# Members

## Colombian Institutions part of COMHEP:

- Universidad Nacional de Colombia (UNAL)
- Universidad de los Andes (UniAndes)
- Universidad Antonio Nariño (UAN)
- Universidad de Antioquia (UdeA)
- Universidad de Medellín (UMedellín)
- Instituto Tecnológico Metropolitano (ITM)
- Universidad Pedagógica y Tecnológica de Colombia (UPTC)
- Universidad Industrial de Santander (UIS)
- Universidad del Atlántico (UAtlántico)
- Universidad del Valle (UniValle)
- Universidad Santiago de Cali (USC)
- Universidad del Tolima (UTolima)
- Universidad de Nariño (UDENAR)
- Escuela de Ingeniería de Antioquia (EIA)
- Universidad Sergio Arboleda (USA)



## Members from non Colombian institutions

John Ellis - King's College London

Bobby Acharya - ICTP

Bruno El-Bennich - Universidade Cruzeiro do Sul

Alberto Correa dos Reis - Centro Brasileiro de Pesquisas Físicas

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# Propuestas COMHEP

- **Barranquilla 2019: Universidad del Atlántico – Mario Acero**
- **Bogota 2020: Universidad de los Andes – Carlos Avila, Andres Florez**

