

CoCo 2020

Cosmology in Colombia

Discussion Panel

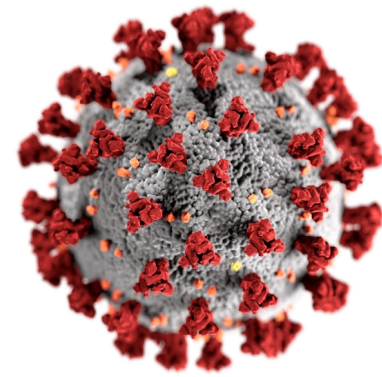


Online edition
September 23rd - 25th, 2020

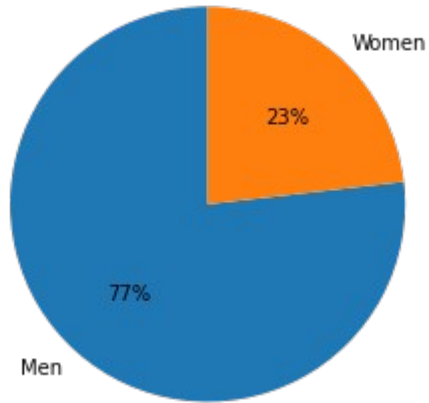
CoCo: just an excuse ;-)

- Need to strengthen the *community*.
- Cosmology as an *opportunity* to make contact between our different expertise:
 - * inflation and the early Universe,
 - * cosmic microwave background,
 - * large-scale structure of the Universe,
 - * dark matter and neutrino astrophysics,
 - * modified gravity and dark energy,
 - * gravitational waves and multi-messenger astronomy.
- We are reaching a *critical mass*, even if for not all of us cosmo is the main research area.

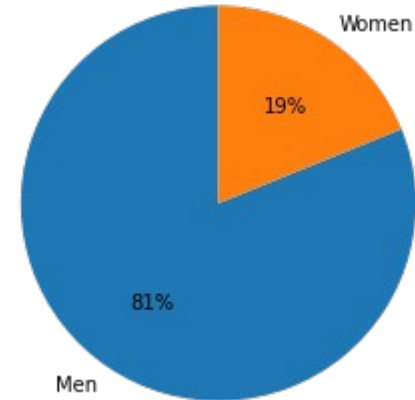
CoCo: 2019 → 2020



Participants:
67 → 207 (~60!)



Talks:
30 → 43+9+1



CoCo 2020

Big thanks to all the participants, the speakers and particularly to all the students!

Thanks to all the international participants!



El conocimiento es de todos

Minciencias





SURATÓMICA

INTERACCIONES FUNDAMENTALES

Taller de Preguntas de
Investigación - Creación

CoCo 2021?

- Same format?
- More days?
- Introductory talks?
- Mini talks?
- Hands-on?

- Where? Hope to have an in-person edition!
mixed version: online + in-person?
- When? Avoid proximity with MOCa and COMHEP!
(Better second semester if the ICTP support is renewed!)

Open discussion :-)



MOCa 2o2o: Materia Oscura en Colombia

7-8 October 2020

America/Bogota timezone



Overview

Registration

Call for Abstracts

Timetable

Book of Abstracts

Participant List

Previous Editions

Uniandes Particle Physics
School

The fourth edition of the **MOCa** workshop (**Materia Oscura en Colombia**) will be held on the 7-8 October, 2020. The goal of the meeting is to provide an opportunity to discuss various aspects of Dark Matter, like:

- theory + pheno,
- production in laboratory,
- N -body simulations,
- connections with cosmo and astro,
- ...

We are a growing, active and diverse community working on dark matter. Hence, a broad approach to dark matter research is necessary given the nature of the challenge.

We expect this event to provide a platform for maximizing interactions and create new collaborations. Furthermore, we foresee a number of shorter lightning talks on specific topics. These are meant to highlight individual and/or unusual ideas and can also help increase the visibility of younger scientists.

Due to the current covid-19 related travel restrictions, there will be no in-person meeting as originally planned. However, the conference will go ahead as an online event.

The workshop will be preceded by the [6th Uniandes Particle Physics School](#). Master and PhD students, as well as young postdocs are warmly invited to attend!

30 November 2020 to 4 December 2020

America/Bogota timezone



Overview

[Timetable](#)

[Scientific Programme](#)

[Registration](#)

[Call for Abstracts](#)

[Participant List](#)

[Book of Abstracts](#)

[Previous ComHEP](#)

This is the fifth Colombian Meeting on High Energy Physics (5th ComHEP). We hope to bring together young and senior particle physicists from Colombia and abroad, to discuss recent progress in particle physics, cosmology and related areas. The program of the meeting will address a broad range of topics, divided in dedicated sessions on:

- Standard Model and the Higgs boson
- Beyond the Standard Model
- Neutrino Physics
- Neutrino Experiments
- Hadron and flavor physics
- Dark matter
- Cosmology and Cosmic rays
- Theoretical physics

Contact

 comhep@gmail.com

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**Happy birthday
César!**

