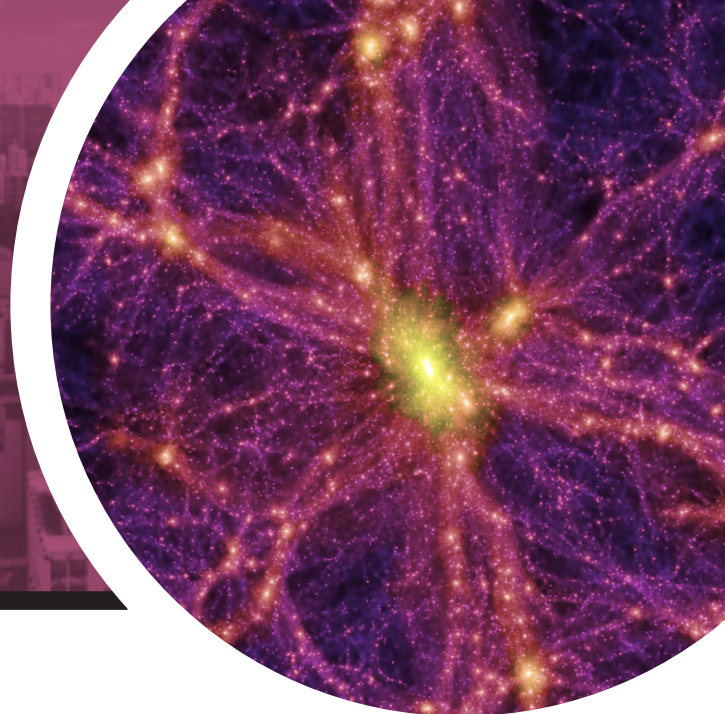




**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

3rd SOUTH AMERICAN DARK MATTER WORKSHOP



December 2-4, 2020

by videoconference

SPEAKERS

Gianfranco Bertone (UvA Amsterdam, The Netherlands)

Xavier Bertou (C.A. Bariloche, Argentina)

Arianna Di Cintio (I. Astrofísico de Canarias, Spain)

Malcolm Fairbairn (King's College London, UK)

Giuliana Fiorillo (U. di Napoli, Italy)

Patrick Fox (Fermilab, USA)

Joachim Kopp (U. Mainz, Germany)

Karin Menéndez-Delmestre (UFRJ, Brazil)

Julio Navarro (U. of Victoria, Canada)

Manuela Vecchi (U. Groningen, The Netherlands)

Bryan Zaldivar (IFT Madrid, Spain)

Dark Matter constitutes one of the big mysteries in today's Physics. Astrophysical and cosmological data hint at the necessity of physics beyond the standard model, although its characteristics are still currently unknown. The multidisciplinary effort in understanding the nature of dark matter has gathered a diversified community to study the experimental properties and theoretical expectations of different candidates. Over

the last decades, high energy astrophysicists and theoretical physicists, astronomers and experimentalists developing collider and smaller experiments, cosmologists and experts in numerical N-body simulations have been working together in order to unravel the puzzle of Dark Matter.

The third edition of the South American Dark Matter Workshop continues the effort to project the South American community working on the subject in an international context, gathering experts from all the areas mentioned above in order to discuss recent findings and prompt new collaborations.

There is no registration fee.

Abstract submission deadline:

November 1, 2020

Registration deadline:

November 22, 2020

Online registration and more information:

<http://ictp-saifr.org/dmw2020/>



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