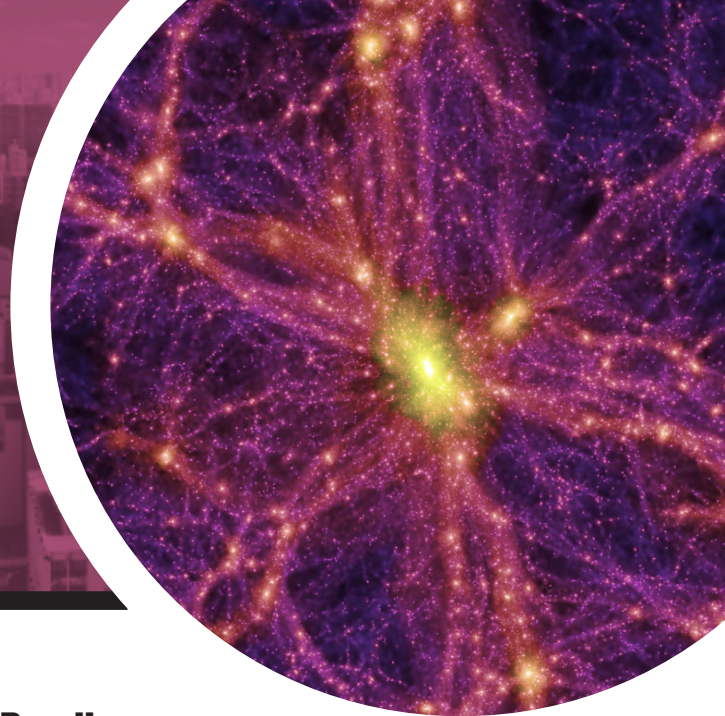




**ICTP**  
**SAIFR**

International Centre  
for Theoretical Physics  
South American Institute  
for Fundamental Research

# 3<sup>rd</sup> SOUTH AMERICAN DARK MATTER WORKSHOP



**December 2-4, 2020**

**Instituto de Física Teórica - UNESP, São Paulo, Brazil**

## SPEAKERS

- Giuliana Fiorillo** (U. di Napoli, Italy)  
**Julio Navarro** (U. of Victoria, Canada)  
**Manuela Vecchi** (U. of Groningen, The Netherlands)  
**Simona Vegetti** (MPA Munich, Germany)  
**Bryan Zaldivar** (UAM 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.*

**Depending on COVID-19, the workshop may be held online.**

**Registration deadline:**

**November 1, 2020**

**Online registration and more information:**

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



## ORGANIZERS

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