



**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

WORKSHOP ON NEW TRENDS IN DARK MATTER

December 7-9, 2020

by videoconference

INVITED SPEAKERS

Xiaoyong Chu (HEPHY, Austria)
Miguel Escudero (TUM, Germany)
Nicolás Fernández (Illinois U., Urbana, USA)
Camilo Garcia-Cely (DESY, Germany)
Hyun Min Lee (Chung-Ang U., Korea)
Roberto Lineros (Católica del Norte U., Chile)
Laura López-Honorez (Brussels U., Belgium)
Gopolang Mohlabeng (Brookhaven Natl. Lab., USA)
Sergio Palomares-Ruiz (IFIC, Spain)
Carlos Pires (Paraíba U., Brazil)
Diego Restrepo (Antioquia U., Colombia)
James Unwin (Illinois U., Chicago, USA)
Hardi Veermäe (NICPB, Tallinn, Estonia)
Tomer Volansky (Tel Aviv U., Israel)
Hai-bo Yu (UC, Riverside, USA)
Tien-Tien Yu (Oregon U., USA)

The goal of the workshop is to bring together theorists and experimentalists to discuss searches, theories, results, opportunities, and, in general, new ideas for sub-GeV dark matter. It will focus on models and regions in parameter space that are overlooked by the standard WIMP studies, and that may open a new window into the dark sector. If the WIMP paradigm turns out to be wrong, new theoretical and experimental directions may prove to be of utmost importance. This workshop aims at developing such ideas, paving the way for the discovery of dark matter.

There is no registration fee and due to COVID-19 the workshop will be held online.

Registration deadline:

November 29, 2020

Online registration and more information:

<http://ictp-saifr.org/ntdm2020/>



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