



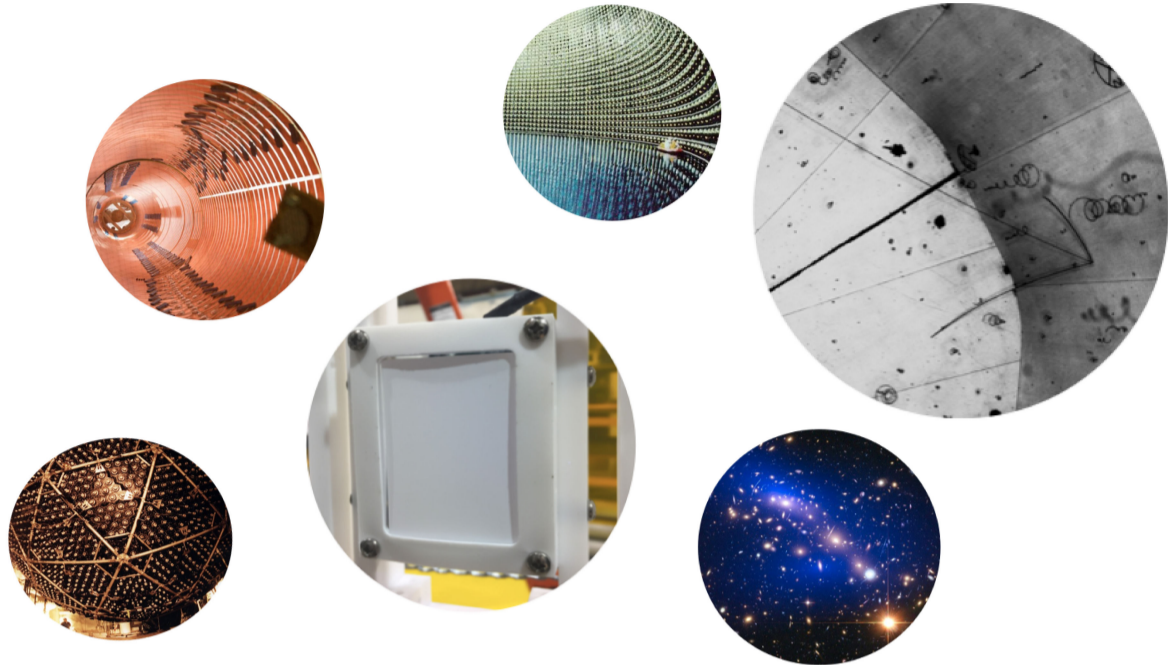
ICTP | International Centre for Theoretical Physics
SAIFR | South American Institute for Fundamental Research

Campus of IFT-UNESP - São Paulo, Brasil

School on

DM & Nu 2018

dark matter neutrino



School and Workshop on Dark Matter and Neutrino Detection

July 23 - August 3, 2018

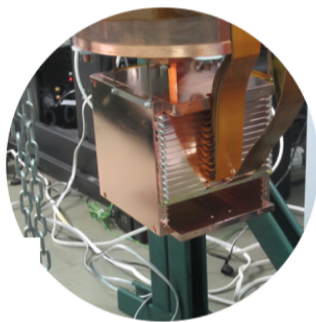
São Paulo, Brazil

ICTP-SAIFR/IFT-UNESP

Dark Matter and Neutrino Physics are rapidly growing and interconnected fields with several large facilities operating or in construction and with many theoretical and experimental challenges.

The school aims to provide participants with a broad overview of these subjects, sharing the excitement about theory and experiment, and involving new generations in the endeavour to unveil the new physics behind these topics.

There is no registration fee and limited funds are available for travel and local expenses.



Week 1: Lectures, Discussion and Activities

Main courses:

Dark Matter (Fabio Iocco, ICTP-SAIFR/IFT-UNESP/Brazil & Farinaldo Queiroz, II-P Natal/Brazil)

Neutrinos (Andre de Gouvea, Northwestern/USA)

Week 2: Lectures on Detection Principles and Experiments, Experimental Work

Main courses:

Dark Matter Detection (Enectali Figueroa-Feliciano, Northwestern/USA)

Neutrino Detection (Stefan Soldner-Rembolt, Manchester U./UK)

Application deadline: May 11, 2018

Online application form and more information:

www.ictp-saifr.org/DMneutrino18



ORGANIZERS

Carla Bonifazi (IF-UFRJ, co-chair)

Edivaldo Moura Santos (USP)

Fabio Iocco (ICTP-SAIFR/IFT-UNESP)

Ricardo Gomes (UFG)

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