



**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

REUVEN OPHER WORKSHOP ON CHALLENGES OF NEW PHYSICS IN SPACE



December 13-17, 2021

by videoconference

CONFIRMED SPEAKERS

Odylio D. Aguiar (INPE)

Ulisses Barres Almeida (CBPF)

Orfeu Bertolami (Universidade do Porto, Portugal)

João Braga (INPE)

Hugo Camacho (IFT-UNESP/ICTP-SAIFR/LIneA)

Renato Dupke (ON)

Júlio Fabris (UFES)

Diego A. F. Gonçalves (USP)

Gustavo Guerrero (UFMG)

Jacques Lepine (IAG-USP)

Marcos Maia (UnB)

Martin Makler (CBPF/U. Nacional de San Martin, Argentina)

Valerio Marra (UFES/INAF-Trieste, Italy)

Rodrigo Nemmen (IAG-USP)

Merav Opher (Boston University, USA)

Roderik Overzier (ON)

Mariana Penna-Lima (UnB)

Ilya Shapiro (UFJF)

Flávia Sobreira (UNICAMP)

Rafael da Silva de Souza (Shanghai Astronomical Observatory, China)

Riccardo Sturani (IIP-UFRN)

Carlos Alexandre Wuensche (INPE)

Reuven Opher was a leading astrophysicist and cosmologist working in Brazil from 1979 through 2014. He established two successful series of workshops: the “Nova Física no Espaço”, which was held in Portuguese in an informal setting and directed to the Brazilian community, and the “Challenges of New Physics in Space”, an international workshop where renowned researchers were invited to present the state-of-the-art in different fields of Astrophysics and Cosmology. The last edition was the XIIIth workshop held at the ICTP-SAIFR in 2016.

In addition to the invited talks, there will be space for posters with pre-recorded talks and one session with flash presentations is planned as well.

This workshop, named after Reuven Opher, will continue his efforts to showcase the work of the Brazilian community in the fields related to Cosmology, Gravity and Astrophysics.

There is no registration fee.

**Deadline for Abstract submission:
November 28, 2021**

**Registration deadline:
December 5, 2021**

**Online registration and more information:
<https://www.ictp-saifr.org/ropher2021/>**



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