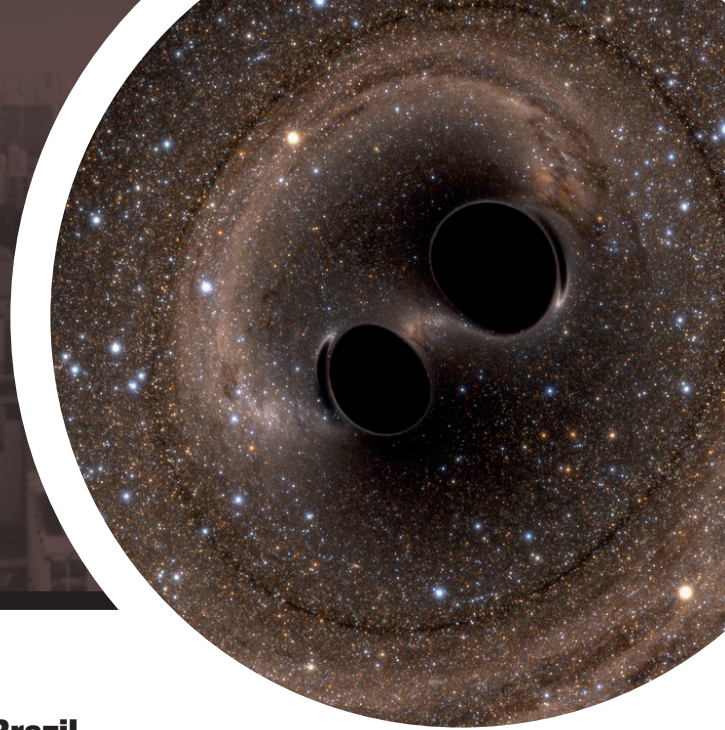




**ICTP  
SAIFR**

International Centre  
for Theoretical Physics  
South American Institute  
for Fundamental Research

# WORKSHOP ON CLASSICAL GRAVITY AND APPLICATIONS



**August 29-31, 2022**

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

## CONFIRMED SPEAKERS

**Raul Abramo** (USP-São Paulo, Brazil)

**Thaisa Storchi Bergmann** (UFRGS-Porto Alegre, Brazil)

**José Dias** (UFRN-Natal, Brazil)

**Archisman Ghosh** (University of Ghent, Belgium)

**Valerio Marra** (UFES – Vitória, Brazil)

**Jessica Muir** (Perimeter Institute, Waterloo)

**Elena Sellentin** (Leiden U., the Netherlands)

Fundamental gravity, astronomy and cosmology have experienced unprecedented new developments and Gravitational Waves is a relatively recent actor on the stage. New observations of transients of electromagnetic, cosmic rays and neutrino origin are expected in the next decade, which will serve as cosmological probes as well as cosmic laboratories of strong gravity and high-energy physics. The high level of coordination required to maximize the (astro)physics output of forthcoming observations makes it timely to explore the cross-correlation among these different probes of astronomy, cosmology and fundamental gravity.

The aim of this workshop is to further stimulate activities in the Latin-American community in these rapidly evolving research areas related to classical gravity, to strengthen and spur new connections and collaborations, and to award the **2021 and 2022 ICTP-SAIFR Prizes for the best Latin-American thesis in Classical Gravity and Applications**.

In addition to the invited talks, there will be space for contributed talks and posters. Posters will be displayed during coffee breaks and flash presentations are planned, where each poster presenter will have 1' to advertise their poster in front of the full audience.

This workshop is a satellite event of Cosmo22 that will take place in Rio de Janeiro from August 22-26, 2022. This activity will also be followed by the Riotta Minicourse on Inflationary Cosmology from September 1-2, 2022.

**There is no registration fee.**

**Registration deadline:  
July 31, 2022**

**Online registration and more information:  
<https://www.ictp-saifr.org/cga2022/>**



## ORGANIZERS

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