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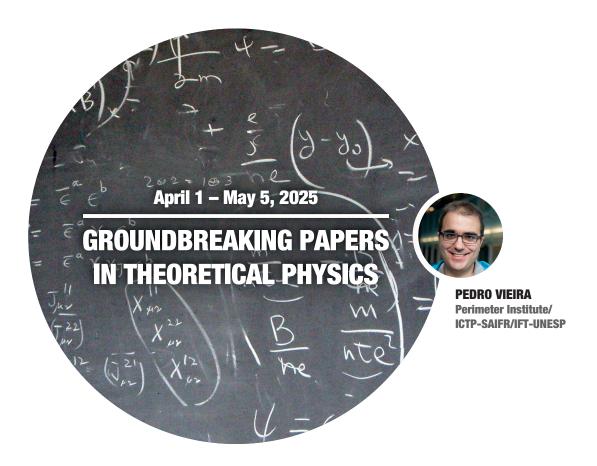# South American Institute for Fundamental Research

Campus of IFT-UNESP – São Paulo, Brazil

April 1 – May 5, 2025

GROUNDBREAKING PAPERS IN THEORETICAL PHYSICS

PEDRO VIEIRA
Perimeter Institute/
ICTP-SAIFR/IFT-UNESP

Over five weeks, five highly impactful papers will be discussed. Each week, Prof. Vieira will present one paper (for 1h30m to 2h), and students should read it beforehand. The following week (for 2h), students will discuss recent papers that reference the original one, with each student presenting for 20 minutes (3 to 4 presentations in total). At the end of each class, students will grade the presentations based on "Physics," "Presentation," and "Question Handling." Then Prof. Vieira will provide his own grading and comments. Familiarity with Quantum Field Theory and General Relativity is assumed.

There is no registration fee and limited resources are available for ground travel of participants.

Deadline to request reimbursement of ground travel:

March 27, 2025

Online application and more information:

ictp-saifr.org/gptp2025

ICTP SAIFR · FAPESP · ICTP · unesp · IFT - UNESP