

# VIII Perimeter-SAIR-IFT JOURNEYS

## INTO THEORETICAL PHYSICS

JULY 14-20, 2025

IFT-UNESP, São Paulo, Brazil

**ROGERIO ROSENFELD**  
(IFT-UNESP/ICTP-SAIR)

INTRODUCTION  
TO COSMOLOGY

**RICARDO  
MARTINEZ-GARCIA**  
(CASUS-HZDR/ICTP-SAIR)

RANDOM WALK THEORY  
IN PHYSICS AND BIOLOGY

**CHONG WANG**  
(Perimeter Institute)

TOPOLOGICAL PHASES  
OF MATTER

**ALEX MAY**  
(Perimeter Institute)

QUANTUM CRYPTOGRAPHY

Financial support is available, and top students will be offered master's fellowships to spend one year in ICTP-SAIR and one year in the Perimeter Scholars International program.

Application deadline: **May 17, 2025**

Application form and information: [journeys.ictp-saifr.org](https://journeys.ictp-saifr.org)