

III IFT-Perimeter-SAIFR

# JOURNEYS

## INTO THEORETICAL PHYSICS

### JULY 16 - 22, 2018

IFT-UNESP, São Paulo



FAPESP



THE GRADUATE CENTER  
CITY UNIVERSITY  
OF NEW YORK



**KEVIN COSTELLO**  
(Perimeter)

AN INTRODUCTION  
TO TOPOLOGY  
FOR PHYSICISTS

**GASTÃO KREIN**  
(IFT)

EFFECTIVE QUANTUM  
FIELD THEORY

**DAVID SCHWAB**  
(CUNY/Princeton)

CURRENT THEORETICAL  
PROBLEMS IN  
BIOPHYSICS

**ALINE RAMIRES**  
(ETH Zurich /  
ICTP-SAIFR / MPI-PKS)

ASPECTS OF  
SUPERCONDUCTIVITY

**KENDRICK SMITH**  
(Perimeter)

PHYSICS OF THE  
EARLY UNIVERSE

Financial support is available, and top students will be offered masters fellowships to spend one year at ICTP-SAIFR/IFT-UNESP and one year at either the Perimeter Scholars International program or the CUNY/Princeton Center for the Physics of Biological Function.

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