



ICTP  
SAIFR

International Centre for Theoretical Physics  
South American Institute for Fundamental Research

**Campus of IFT-UNESP - São Paulo, Brasil**



**ROBERTO KRAENKEL**  
IFT-UNESP, Brazil

IX Southern-Summer School on  
Mathematical Biology



**STEFANO ALLESINA**  
U. Chicago, USA

School on Community Ecology: from  
patterns to principles



**PRIYANGA AMARASEKARE**  
UCLA, USA

School on Community Ecology: from  
patterns to principles



**WILLIAM BIALEK**  
Princeton U., USA

School on Community Ecology: from  
patterns to principles



**OTTO CORDERO**  
MIT, USA

School on Community Ecology: from  
patterns to principles

**January 12 – 25, 2020**

# **JANUARY PROGRAM ON PHYSICS IN BIOLOGY**

The succesful series of one-week **Summer Schools on Mathematical Biology** is now in its ninth edition, and in 2020 will be followed by the one-week **School on Community Ecology: from patterns to principles**, co-organized with the Abdus Salam ICTP in Trieste. Candidates may apply for one or both activities, and preference will be given to PhD students in South America.

There is no registration fee and limited funds are available for travel and local expenses.

**Application deadline: November 10, 2019**

**Online application and more information:**

**<https://ictp-saifr.org/mathbio9>**

**<https://ictp-saifr.org/ecology2020>**



IFT - UNESP  
INSTITUTO DE FÍSICA TÉCNICA

## **ORGANIZERS**

**Marcus Aguiar** (UNICAMP, Brazil)

**Marcel Clerc** (U. de Chile)

**Jacopo Grilli** (ICTP-Trieste, Italy)

**Roberto Kraenkel** (IFT-UNESP, Brazil)

**Ricardo Martinez-Garcia**

(ICTP-SAIFR, Brazil/Princeton U., USA)

**Paulo Inácio Prado** (USP, Brazil)

## **ICTP-SAIFR STEERING COMMITTEE**

Carlos Brito Cruz - FAPESP scientific director

Atish Dabholkar - ICTP director

Luiz Davidovich - Brazil Acad. Science president

Peter Goddard - Search Committee chair

Juan Maldacena - Representing South America

Fernando Quevedo - ICTP former director

Sandro Valentini - UNESP rector

## **ICTP-SAIFR SCIENTIFIC COUNCIL**

Michael Green (chair) - Univ. of Cambridge

Rosario Fazio - ICTP representative

Marcelo Yamashita - IFT-UNESP director

Marcel Clerc - U. de Chile

André de Gouvêa - Northwestern U.

Eduardo Fradkin - U. Illinois

Gabriela Gonzalez - LIGO, Louisiana State U.

Belita Koiller - UFRJ, Rio de Janeiro

Luis Lehner - Perimeter I., Waterloo

Gabriel Mindlin - U. de Buenos Aires

## **ICTP-SAIFR STAFF**

Nathan Berkovits - Director

Rogério Rosenfeld - Vice-Director

Pedro Vieira - Perimeter-SAIFR Coordinator

Jandira Oliveira - Executive Manager

Humberto Neto - Executive Secretary

Lucas Sanches - Computer Systems Manager

Lilia Faria - Financial Manager

Lucas David - Outreach Coordinator

Ana Luiza Serio - Outreach Coordinator

Malena Stariolo - Science Journalist

Adrianna Virmond - Science Journalist