



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

Director:	Nathan Berkovits
Vice-Director:	Rogério Rosenfeld
Executive Manager:	Jandira de Oliveira
Executive Secretary:	Humberto Neto
Information Technology:	Lucas Sanches
Financial Manager:	Lília Faria
Outreach Coordinators:	Lucas David, Ana Sérgio
Scientific Journalist:	Malena Stariolo

Motivation

- Theoretical physics institutes play an important role in efficiently bringing researchers together and organizing activities.
- Although there are dozens of such institutes in North America, Europe, and Asia, there are very few in South America.
- South America has a few countries with highly developed physics research (Brazil, Argentina, Chile) and several countries with excellent undergraduates but less developed physics research.
- Internationalization of physics research in South America is difficult because of excessive bureaucracy in hiring and few international advisory boards.
- Example of successful Mathematics institute: IMPA in Rio de Janeiro.
- ICTP's vision to create regional centres, with the first one at IFT-UNESP in Sao Paulo.

Why IFT-UNESP in São Paulo?

- Founded in 1952, IFT-UNESP is one of the oldest and most prestigious graduate schools in theoretical physics in South America with approximately 20 professors and 60 masters and PhD students.
- The São Paulo state research funding agency FAPESP is perhaps the most stable and well-funded agency in South America.
- IFT-UNESP is centrally located next to a major bus/train station near the largest South American airport and close to several large top-ranked universities.
- The original IFT building near the financial section of São Paulo is being restored and may soon be available for hosting scientific activities.



BRIEF HISTORY OF ICTP-SAIFR



IFT **1952**



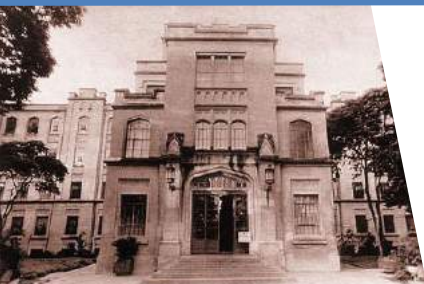
IFT-UNESP **1987**



ICTP Partners **2010**



Inauguration Ceremony **2012**



FAPESP **1962**



Simons **1994**



ICTP-UNESP MoU **2010**



Simons Fellows **2014**



ICTP **1964**



Perimeter **1999**



Steering Committee **2011**



Perimeter MoU **2015**



UNESP **1976**



UNESP Barra Funda **2009**



FAPESP grants '11 '16



Serrapilheira **2017**

nature INDEX 2016 RISING STARS

NATURE, VOL. 535, ISSUE NO. 7613 (JULY 28, 2016)

[...] São Paulo State University (UNESP) is fairly new to Brazil's burgeoning research scene, but it arrived with intent. [...] In 2009, it embarked on a hiring frenzy of more than 1,000 faculty and researchers, and from 2012 to 2015, its contribution to high-quality science in the index more than doubled.

The university's research strengths are in **physics and astronomy**. Its Institute for Theoretical Physics was founded in 1951, predating the university itself. It also hosts the ICTP South American Institute for Fundamental Research, an offshoot of the International Centre for Theoretical Physics in Trieste, Italy. [...]

2015	Institution	WFC 2015	AC 2015	Change in WFC 2012–2015	Change in WFC 2012–2015 (%)
1	São Paulo State University (UNESP), Brazil	23.52	112	12.31	109.87
2	National Scientific and Technical Research Council (CONICET), Argentina	38.93	359	7.51	23.92
3	National Autonomous University of Mexico (UNAM), Mexico	46.70	334	7.45	18.97
4	University of São Paulo (USP), Brazil	49.12	315	7.37	17.64
5	Center for Scientific Studies (CECs), Chile	7.98	17	5.32	200.64
6	University of the Republic (UDELAR), Uruguay	7.99	20	5.22	189.06



ICTP-SAIFR Councils

Scientific council

Peter Goddard (chair) – IAS, Princeton
 Seifallah Randjbar-Daemi - ICTP vice-director
 Rogério Rosenfeld - IFT-UNESP director
 Marcel Clerc - Univ. de Chile, Santiago
 Eduardo Fradkin – U Illinois, Champagne
 Gabriela Gonzalez - LIGO, Louisiana State U
 Belita Koiller - UFRJ, Rio de Janeiro
 Luis Lehner – Perimeter, Waterloo
 Gabriel Mindlin - U. Buenos Aires
 Barton Zwiebach - MIT, Cambridge

Steering committee

Fernando Quevedo (chair)-ICTP director
 Julio Cezar Durigan - UNESP rector
 Carlos Brito Cruz - FAPESP scientific director
 Jacob Palis - Brazilian Academy of Science
 Juan Maldacena – representing South America



Funding Sources



5 new permanent research professor positions (2 have been filled)
4 staff members
Infrastructure of IFT-UNESP



5 year grant (renewed until December 2021)

12 FAPESP postdoctoral positions
3 FAPESP young investigators
Funding for visitors and activities (schools, workshops, programs)
Fellowships for scientific journalism, technical support, and PhD



Funding for visitors from other South American countries
Training of secretaries
Joint schools and workshops

Funding Sources



Joint faculty position
Joint school
Joint masters program
Joint outreach activities



Two tenure track positions



Outreach coordinators and activities

Private Donation (Brazil)

Isaias Raw chair (salary bonus)



Masters and PhD fellowships

ICTP, CERN, Fermilab,
KITP, NORDITA, CEA-Saclay,
CUNY-Princeton, IAM-Madrid,
Perimeter, Mainz ITP, CLAF

Research exchange agreements

Research

- Current ICTP-SAIFR faculty:

Nathan Berkovits

Fabio Iocco

Eduardo Ponton

Aline Ramires

Rogério Rosenfeld

Pedro Vieira

String theory

Astrophysics

Particle physics

Condensed matter

Cosmology

Quantum field theory

- 12 International postdocs in diverse areas of theoretical physics
- 200 short and long-term visiting researchers per year
- Current international search for research professor in biological physics

Associate Members from Sao Paulo and other regions

Astrophysics/Cosmology/Gravitational Waves

Raul Abramo (IFUSP),
Marcos Lima (IFUSP),
Elisabete de Gouveia Dal Pino (IAG-USP),
Riccardo Sturani (ICTP-SAIFR/IIP-Natal);

Complex Systems with applications to Biology

Marcus Aguiar (Unicamp),
Hilda Cerdeira (IFT-UNESP),
Roberto Kraenkel (IFT-UNESP),
Paulo Prado (IB-USP);

Condensed Matter and Cold Atom Physics

Sadhan Adhikari (IFT-UNESP),
Leandro Aolita (IF-UFRJ)
Alexandre Rocha (IFT-UNESP);

String Theory/Field Theory/Mathematical Physics

Andrei Mikhailov (IFT-UNESP)
Horatiu Nastase (IFT-UNESP)
Victor Rivelles (IFUSP)
Diego Trancanelli (IFUSP)

Theoretical and Experimental Particle Physics

Gustavo Burdman (IFUSP),
Oscar Éboli (IFUSP),
Gastão Krein (IFT-UNESP),
Ricardo Matheus (IFT-UNESP),
Sérgio Novaes (NCC-UNESP/IFT-UNESP).

ARGENTINA:

Gerardo Aldazabal (Bariloche)
Carlos Antonio Balseiro
(Bariloche)
Daniel de Florian (Buenos Aires)
Reinaldo Gleiser (Córdoba)
Daniel Gómez (Buenos Aires)
Karen Hallberg (Bariloche)
Diego Harari (Bariloche)
Gabriel Mindlin (Buenos Aires)
Carmen Núñez (Buenos Aires)
Juan Pablo Paz (Buenos Aires)
Esteban Roulet (Bariloche)
Fidel Schaposnik (La Plata)
Hector Vucetich (La Plata)
Damian H. Zanette (Bariloche)

BRASIL (OUTSIDE SÃO PAULO):

Jailson Alcaniz (Rio de Janeiro)
Luiz Davidovich (Rio de Janeiro)
Ronald Dickman (Belo Horizonte)
Viktor V. Dodonov (Brasília)
Julio Fabris (Vitória)
Álvaro Ferraz (Natal)
Jason Gallas (João Pessoa)
Reimundo Heluani (Rio de Janeiro)
Belita Koiller (Rio de Janeiro)
Gilberto Kremer (Curitiba)
Yan Levin (Porto Alegre)
Caio Lewenkopf (Niteroi)
Martin Makler (Rio de Janeiro)
Eduardo Marino (Rio de Janeiro)
Olivier Piguet (Vicosá)
Sergio Rezende (Recife)
Ilya Shapiro (Juiz de Fora)
Silvio Sorella (Rio de Janeiro)
Giovani Vasconcelos (Recife)
Ioan Waga (Rio de Janeiro)

CHILE:

Max Bañados (Santiago)
Claudio Dib (Valparaíso)
Gonzalo Gutierrez (Santiago)
Marcelo Loewe (Santiago)
Francisco Melo (Santiago)
Miguel Orszag (Santiago)
Gonzalo Palma (Santiago)
Andreas Reisenegger (Santiago)
Jorge Zanelli (Valdivia)

COLOMBIA:

Marta Losada (Bogotá)
Roberto Martinez (Bogotá)
Marek Nowakowski (Bogotá)
Hernan Ocampo (Cali)
Luis Quiroga (Bogotá)
Diego Restrepo (Medellín)

PERU:

Alberto Gago (Lima)
Orlando Pereyra (Lima)
Francisco de Zela (Lima)

URUGUAY:

Raul Donangelo (Montevideo)
Rodolfo Gambini (Montevideo)

VENEZUELA:

Fernando Cordero (Caracas)
Mario Cosenza (Mérida)
Anamaria Font (Caracas)
Ernesto Medina (Caracas)
Alejandra Melfo (Mérida)
Claudio Mendoza (Caracas)

Activities

1500 VISITING RESEARCHERS/SPEAKERS
25 INTERNATIONAL POSTDOCS
50 PHD SCHOOLS
25 ADVANCED MINI-COURSES
60 WORKSHOPS AND PROGRAMS
4000 STUDENTS*

* 2500 FROM BRAZIL, 1000 FROM SOUTH AMERICA. 500 FROM OTHER COUNTRIES

(FROM 2012 TO 2018)

~ 900 students and 300 researchers per year participate in ICTP-SAIFR activities. Online applications for the activities are judged by the organizing committees

- **International Schools** for ~ 2 weeks with ~ 5-6 lecturers and ~ 60 students. Students travel and local expenses covered. All lectures are recorded with ICTP equipment and put online.
- **Mini-courses** are given by one or two distinguished lecturers. Expenses are paid for participants from South America.
- **Programs/workshops** typically involve a few long-term visitors and a short workshop on a selected topic with invited participants.
- **Outreach activities** include monthly informal public lectures, classes for São Paulo high-school students and teachers, and an annual school for the top undergraduates in South America.

2018 ICTP-SAIFR SCHOOLS AND WORKSHOPS

Campus of IFT-UNESP - São Paulo, Brasil



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



VII SOUTHERN SUMMER SCHOOL ON MATHEMATICAL BIOLOGY

Jan 15 - 21

ORG: M.A.M. Aguiar, M. Clerc,
R. Kraenkel, P.J. Prado

SCHOOL ON PHYSICS APPLICATIONS IN BIOLOGY

Jan 22 - 27

ORG: M.A.M. Aguiar, N. Berkovits,
M. Clerc, R. Kraenkel, P.J. Prado

SCHOOL ON NTSA AND COMPLEX NETWORKS IN THE BIG DATA ERA

Feb 19 - Mar 2

ORG: H.A. Cerdeira,
J.G. Gardenes, C. Masoller

WORKSHOP ON SPATIAL AND TEMPORAL DYNAMICS OF ECOLOGICAL NETWORKS

May 14 - 18

ORG: M.A.M. Aguiar, D. Hembry,
J.L. O'Donnell, P.R. Guimarães Jr.

WORKSHOP ON LONG-RANGE INTERACTIONS AND SYNCHRONIZATION

May 28 - 31

ORG: R.P.M. Bachelard, S. Gupta,
T.M. da Rocha Filho

LATIN-AMERICAN WORKSHOP ON GRAVITY AND HOLOGRAPHY

Jun 4 - 8

ORG: T. Andrade, E. Cáceres,
M. Chernicoff, D. Trancanelli

JOINT ICTP-TRIESTE/ ICTP-SAIFR SCHOOL ON PARTICLE PHYSICS

Jun 18 - 29

ORG: E. Bertuzzo, E. Pontón,
A. Romanino, G. Villadoro

INTEGRABLE MODELS: FROM QUANTUM SPIN CHAINS AND VERTEX MODELS TO ADS/CFT

Jul 2 - 14

ORG: V. Karapınar, G. Ribeiro,
D. Serban, P. Vieira

3rd IFT-PI-SAIFR JOURNEYS INTO THEORETICAL PHYSICS

Jul 16 - 21

ORG: N. Berkovits,
R. Matheus, P. Vieira

SCHOOL ON DARK MATTER AND NEUTRINO DETECTION

Jul 23 - Aug 3

ORG: C. Bonifazi, R. Gomes,
F. Iocco, M. Makler

THE ANDES UNDERGROUND LAB AND ITS IMPACT ON SCIENCE

Aug 4 - 6

ORG: D. Civitarese, C. Dib, J. dos Anjos,
J.C. D'Olive, M.A. Losada,
M. Makler, E. Pontón

WORKSHOP ON MATHEMATICAL PHYSICS

Aug 10 - 13

ORG: N. Andruskiewitsch, C. Boyallian,
A.de Sole, V. Futorny, R. Heluani

WORKSHOP ON STRONG ELECTRON CORRELATIONS IN QUANTUM MATERIALS

Aug 27 - 31

ORG: E. Andrade, V. Dobrosavljevic,
J. Hoyos

ENTREPRENEURSHIP SCHOOL FOR SCIENTISTS AND ENGINEERS

Oct 15 - 19

ORG: N. Berkovits, L. Clark,
R.F.C. Marques, S. Raghu, S. Ribeiro

THE SOUND OF SPACETIME: THE DAWN OF GRAVITATIONAL WAVE SCIENCE

Nov 26 - Dec 14

ORG: L. Lehner, R. Porto, R. Sturani

SOUTH AMERICAN WORKSHOP ON COSMOLOGY IN THE LSST ERA

Dec 17 - 21

ORG: L.N. da Costa, J. Newman,
J. Noreña, G. Palma, R. Rosenfeld,
M. Strauss

Agosto - Novembro, 2018

CIÊNCIA EM DIÁLOGO NO IMS: FÍSICA E ARTE



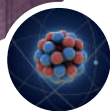
GÊNESE
3 de Agosto
Betty Mindlin (IEA-USP)
Raul Abramo (IF-USP)



TEMPO
14 de Setembro
John Boudier (PIAP/IA-UNESP)
Nathan Berkovits (ICTP-SAIFR/IFT-UNESP)



LUZ
5 de Outubro
Millard Schisler (Johns Hopkins U.)
Pedro Vieira (ICTP-SAIFR/IFT-UNESP/Perimeter I)



MATÉRIA
9 de Novembro
Convidado a confirmar
Aline Ramires (ICTP-SAIFR/MPI-PKS Dresden)

“Ciência em Diálogo: Física e Arte” é o novo programa de divulgação científica do ICTP-SAIFR, realizado no Instituto Moreira Sales. Nesta série mensal de debates organizada em parceria com o IMS, um cientista e um não-cientista são convidados a discutir sobre assuntos de interesse comum. O público terá a oportunidade de discutir com os convidados as convergências e divergências resultantes das diferentes perspectivas em relação a cada um dos temas.

No segundo semestre de 2018, os tópicos serão Gênese, Tempo, Luz e Matéria. A entrada é gratuita e haverá distribuição de senhas uma hora antes do início das apresentações.

ims.com.br/eventos/ciencia-em-dialogo-fisica-e-arte/

outreach.ictp-saifr.org/dialogo/

Agosto a Novembro de 2018
Primeira sexta-feira do mês, 19h00
Instituto Moreira Salles
Av. Paulista, 2424 - Consolação

Papos de Física

$$|\Psi\rangle = \left| \text{copa}\right\rangle + \left| \text{caneca}\right\rangle$$

Tubaína Bar
Rua Haddock Lobo, 74 - Cerqueira César

Primeira quinta-feira do mês*, das 19h30 às 21h

Papos de Física é um evento mensal de divulgação científica organizado pelo ICTP-SAIFR para discutir as mais recentes descobertas científicas na área de física. Pensado para o público leigo, o evento começa com um seminário de no máximo 20 minutos de duração e é seguido por uma sessão informal de perguntas e respostas. O evento é gratuito. Participe!



DIEGO TRANCANELLI (IF-USP)
2 de agosto
Simetria e Escala: dos átomos às galáxias



MARINA NIELSEN (IF-USP)
13 de setembro
Essa tal de Física Quântica



BEATRIZ BARBUY (IAG-USP)
4 de outubro
O Bojo da Nossa Galáxia



LUANA SUCUPIRA PEDROZA (UFABC)
8 de novembro
Física da Água

*Em caso de feriado será na quinta-feira seguinte

<http://www.ictp-saifr.org/papos/>

AVENTURAS EM
FÍSICA TEÓRICA 3
ENSINO MÉDIO NO ICTP-SAIFR
IFT-UNESP, SÃO PAULO 2018

7 A 28 DE ABRIL (SÁBADOS)

A FÍSICA DO UNIVERSO - COSMOLOGIA

MINICURSO PARA ALUNOS

ROGÉRIO ROSENFELD

(ICTP-SAIFR/IFT-UNESP)

26 DE MAIO A 9 DE JUNHO (SÁBADOS)

RELATIVIDADE E GRAVITAÇÃO

MINICURSO PARA ALUNOS

PEDRO VIEIRA

(ICTP-SAIFR/IFT-UNESP & PERIMETER INSTITUTE, CANADA)

15 A 29 DE SETEMBRO (SÁBADOS)

MECÂNICA QUÂNTICA

MINICURSO PARA ALUNOS

PEDRO VIEIRA

(ICTP-SAIFR/IFT-UNESP & PERIMETER INSTITUTE, CANADA)

6 A 13 DE OUTUBRO (SÁBADOS)

ONDAS

MINICURSO PARA ALUNOS

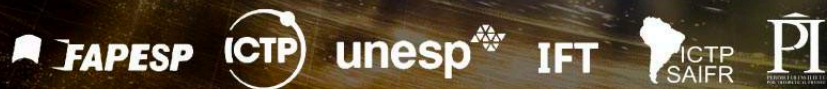
NATHAN BERKOVITS

(ICTP-SAIFR/IFT-UNESP)

29 E 30 DE SETEMBRO
**CUTTING-EDGE IN-CLASS
PHYSICS RESOURCES**
WORKSHOP FOR TEACHERS

GREG DICK
(PERIMETER INSTITUTE, CANADA)

INSCRIÇÕES E INFORMAÇÃO EM
WWW.ICTP-SAIFR.ORG/OUTREACH



III IFT-Perimeter-SAIFR
JOURNEYS
INTO THEORETICAL PHYSICS
JULY 16 - 22, 2018
IFT-UNESP, São Paulo



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

2019 ICTP-SAIFR SCHOOLS AND WORKSHOPS

Campus of IFT-UNESP - São Paulo, Brasil



VIII SOUTHERN-SUMMER SCHOOL ON MATHEMATICAL BIOLOGY

Jan 14-20

Org: M. Aguiar, M. Clero, R. Kraenkel, P.I. Prado

SCHOOL ON MATHEMATICAL MODELS OF EVOLUTION

Jan 21 - 26

Org: M. Aguiar, A. Colani, R. Kraenkel, M. Marcelli, L. Peiró, P.I. Prado

2019 MEETING OF SCIENTIFIC COUNCIL AND STEERING COMMITTEE

Feb 4 - 5

Org: N. Berkovits, P. Goddard, F. Quevedo

4TH DUTCH-BRAZIL SCHOOL ON THEORETICAL PHYSICS

Feb 11 - 15

Org: E. Bergshoeff, N. Berkovits, J. de Boer, A. Font, R. Kleis

ICTP-SAIFR/FAIR WORKSHOP ON MASS GENERATION IN QCD

Feb 25 - Mar 1

Org: M.R. Cosentino, B. El-Bennich, G. Krein, U. Wiedner

PREPARATORY SCHOOL FOR STATPHYS 2019

Jul 1 - 6

Org: P. Belenzuela, M. Copelli, G. Mindlin

IFT-PERIMETER-SAIFR JOURNEYS INTO THEORETICAL PHYSICS

Jul 8 - 14

Org: N. Berkovits, R. Matheus, P. Vieira

2019 ICTP-SAIFR COMPETITION FOR YOUNG PHYSICISTS

Jul 13

Org: N. Berkovits, R. Matheus, P. Vieira

WORKSHOP ON PERSPECTIVES IN NONLINEAR DYNAMICS

Jul 15 - 19

Org: J.M. Cerdeira, S.P. Dawson, N. Gupta, R. Kraenkel, G. Mindlin, R. Ramaswamy, R. Viana

JOINT ICTP-TRIESTE/ICTP-SAIFR SCHOOL ON OBSERVATIONAL COSMOLOGY

Jul 22 - Aug 2

Org: R. Abramo, P. Creminelli, A. Melchiorri, R. Rosenfeld, R. Sheth

SCHOOL ON HIGH ENERGY ASTROPHYSICS

Aug 5 - 16

Org: P. Blasi, F. Iocco, J. Knapp, V. de Souza

WORKSHOP ON AMERICAN MONSOONS

Aug 19 - 24

Org: F.A. Calvacanti, A. M. Grimm, F. Kucharski

SCHOOL ON LIGHT INTERACTIONS WITH COLD ATOMS

Sep 16 - 27

Org: R.P.M. Bachelard, R.C. Teixeira, J.T.M. Walraven

WORKSHOP ON DETERMINATION OF FUNDAMENTAL QCD PARAMETERS

Sep 30 - Oct 4

Org: D. Boito, M. Gellertman, V. Mateu, J. Piclum

ICTP-SAIFR PROGRAM ON PARTICLE PHYSICS

Sep 30 - Nov 30

Org: E. Pontón, M. Quirós, R. Rosenfeld

WORKSHOP ON SKILLS FOR YOUNG SCIENTISTS/INCREASING DIVERSITY IN PHYSICS

Oct 7 - 11

Org: A. Avila-Bernal, M. Barbosa, S.P. Dawson, L. Meza-Montes

WORKSHOP ON CONFORMAL FIELD THEORIES AND TENSOR CATEGORIES

Oct 16 - 18

Org: I. Angiono, V. Furore, A. Solotar, L. Vondramin, C. Walton

WORKSHOP ON THE DARK UNIVERSE

Oct 21 - 25

Org: S. Dutta, A. Mazumdar, F. Queiroz, R. Rosenfeld

SCHOOL ON PARALLEL PROGRAMMING FOR HIGH PERFORMANCE COMPUTING

Dec 2 - 13

Org: N. Berkovits, R. Cobe, L. Giretto, R. Iope, B. Leal, S. Novaes

SCHOOL ON DATA SCIENCE AND MACHINE LEARNING

Dec 16 - 20

Org: R.M.O. Cobe, I. Giretto, B.C. Leal, S. Novaes, G.A. von Winckler

UPCOMING SCHOOLS AND ACTIVITIES (COMPLETE LIST)

- Aug. 20 - Aug. 24** Minicourse on Quantum Entanglement:
From Quantum Information to Many-Body Physics and Beyond
- Aug. 21** Mini-workshop on Mathematical Modeling of Infectious Disease Dynamics
- Sep. 14** Ciência em Diálogo no IMS: Física e Arte
Tempo
- Sep. 15 - Sep. 29** Mecânica Quântica: minicurso para alunos do ensino médio
- Sep. 27** Perimeter-SAIFR Public Lecture
Cooperation: The secret to building global outreach programs
- Sep. 29 - Sep. 30** Teacher Workshop: Cutting-edge In-class Physics Resources
- Oct. 04** Papos de Física
O bojo da nossa galáxia
- Oct. 05** Ciência em Diálogo no IMS: Física e Arte
Luz
- Oct. 06 - Oct. 13** Ondas: minicurso para alunos do ensino médio
Término das inscrições: 28 de setembro de 2018
- Oct. 15 - Oct. 19** Entrepreneurship School for Scientists and Engineers

APPLICATIONS FOR...

- Simons-FAPESP Professor Position in Biological Physics
Application deadline: November 15, 2018
- FAPESP Postdoctoral Positions
Application deadline: December 1, 2018
- Perimeter-FAPESP Postdoctoral Positions
Application deadline: December 1, 2018
- Scientific Visits
- Proposals to Organize 2020 Activities
Submission deadline: December 31, 2018

RECENT NEWS

