



**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

SILAFAE EXPRESS

12³/₄

NOVEMBER 8-12, 2021

by videoconference

INVITED SPEAKERS

Ulisses Barres (CBPF, Brazil)
Nicolás Bernal (Antonio Nariño U., Colombia)
Enrico Bertuzzo (USP, Brazil)
Carla Bonifazi (UFRJ, Brazil & ICAS, Argentina)
Hugo Camacho (IFT-UNESP/ICTP-SAIFR, Brazil)
Marcela Carena (U. of Chicago, USA)
Claudio Dib (U. Tecnica Federico Santa Maria, Chile)
Cora Dvorkin (Harvard, USA)
Nayara Fonseca (ICTP-Trieste, Italy)
André de Gouvêa (Northwestern U., USA)
Cristiane Jahnke (UNICAMP, Brazil)
Marta Losada (NYU, USA & Abu Dhabi U., United Arab Emirates)
Camila Machado (DESY, Germany)
Michelangelo Mangano (CERN, Switzerland)
Enrico Nardi (INFN Frascati National Laboratories, Italy)
Angela Olinto (U. of Chicago, USA)
Massimo Passera (U. of Padova, Italy)
Federico Sánchez (CONICET, Argentina)
Álvaro G. dos Santos Neto (U. Federal do Triângulo Mineiro, Brazil)
Ettore Segreto (UNICAMP, Brazil)
Andres Guillermo Delannoy Sotomayor (U. of Tennessee, USA)
Graziano Venanzoni (INFN- Pisa, Italy)
Song-Ming Wang (Academia Sinica-Taipei, Taiwan)
Matías Zaldarriaga (IAS – Princeton, USA)

SILAFAE is a traditional event that gathers the Latin American community in High Energy, Cosmology and AstroParticle Physics, with the aim of discussing our current knowledge and the future perspectives in these areas.

We are organizing a light-weight, online meeting that we are calling the 12³/₄th edition and planning a full in-person meeting in Ecuador in 2022.

In addition to the invited talks, we anticipate a reduced number of short contributed talks. Posters with pre-recorded talks and one session with flash presentations is planned as well.

There is no registration fee.

Deadline for Abstract submission:

October 17, 2021

Registration deadline:

October 31, 2021

Online registration and more information:

<http://ictp-saifr.org/silafae-xii-21/>



ORGANIZING COMMITTEE:

Jorge Alfaro (PUC, Chile)
 Edgar Carrera (USFQ, Ecuador) – **Chair**
 Edgar Cifuentes (USAC, Guatemala)
 Daniel de Florián (UBA, Argentina)
 Angelina Díaz (AENTA, Cuba)
 Marco A. Diaz (PUC, Chile)
 Claudio Dib (UTFSM, Chile)
 Juan Carlos D'Oliveiro (ICN-UNAM, Mexico)
 João dos Anjos (CBPF, Brazil)
 Tere Dova (UNLP, Argentina)
 Ana María Font (UCV, Venezuela)
 Alberto M. Gago (PUCP, Peru)
 Beatriz Gay Ducati (UFRGS, Brazil)
 Gabriel González (URU, Uruguay)
 Gerardo Herrera (Cinvestav, Mexico)
 Joel Jones-Pérez (PUCP, Peru)

Marta Losada (UAN, Colombia)
 Sudhir Malik (UPR/Mayagüez, Puerto Rico)
 Daryel Manreza Paret (La Habana, Cuba)
 Roberto Martínez (UNAL, Colombia)
 Nicolas Martinic (ULP, Bolivia)
 Alejandra Melfo (ULA, Venezuela)
 Ramón Mendez Galain (URU, Uruguay)
 Enrico Nardi (LNF, Italy)
 Orlando Pereyra (UNI, Peru)
 Aurora Perez Diaz (ICIMAF / La Habana, Cuba)
 Juan Ponciano (USAC, Guatemala)
 Diego Restrepo (UdeA / Medellín, Colombia)
 Rogerio Rosenfeld (IFT-UNESP, Brazil) – **Co-chair**
 Esteban Roulet (Bariloche, Argentina)
 John Swain (NEU, USA)
 Luis M. Villaseñor (UMSNH, Mexico)

ICTP-SAIFR STEERING COMMITTEE

Atish Dabholkar
 ICTP director
 Pasqual Barretti
 UNESP rector
 Luiz Eugênio Mello
 FAPESP scientific director
 Hugo Aguilaniu
 President-Director of Serrapilheira I.
 Luiz Davidovich
 President of Brazilian Acad. of Science
 Juan Maldacena
 Representing South America

ICTP-SAIFR SCIENTIFIC COUNCIL

Michael Green (chair) - U. of Cambridge
 Rosario Fazio - ICTP representative
 Alexandre Reily Rocha - IFT-UNESP director
 Marcel Clerc - U. de Chile
 André de Gouvêa - Northwestern U.
 Eduardo Fradkin - U. Illinois
 Gabriela Gonzalez - LIGO, Louisiana State U.
 Belita Köllner - UFRJ, Rio de Janeiro
 Luis Lehner - Perimeter I., Waterloo
 Gabriel Mindlin - U. de Buenos Aires

ICTP-SAIFR STAFF

Nathan Berkovits - Director
 Rogerio Rosenfeld - Vice-Director
 Pedro Vieira - Perimeter-SAIFR Coordinator
 Jandira Oliveira - Executive Manager
 Humberto Neto - Executive Secretary
 Lilia Faria - Financial Manager
 Malena Stariolo - Science Journalist
 Tiago Codinhoto - Technical Assistant