



**ICTP
SAIFR**

International Centre
for Theoretical Physics
South American Institute
for Fundamental Research

PROGRAM ON NEW DIRECTIONS IN PARTICLE PHYSICS



September 5-23, 2022

at Instituto de Física Teórica - UNESP, São Paulo, Brazil

CONFIRMED SPEAKERS

Daniele Barducci (Rome U., Italy)

Adriano Lana Cherchiglia (UFABC, Brazil)

Sylvain Fichet (ICTP-SAIFR, Brazil)

Christina Gao (U. of Illinois Urbana Champaign, Fermilab, USA)

Gero von Gersdorff (PUC-Rio, Brazil)

Christophe Grojean (DESY and Humboldt U., Germany)

Matheus Hostert (Perimeter I., Canada)

Jay M. Hubisz (Syracuse U., USA)

Seth Koren (Enrico Fermi I., U. of Chicago, USA)

André Lessa (UFABC, Brazil)

Leonardo de Lima (UTFPR-Toledo, Brazil)

Ricardo D'Elia Matheus (IFT-UNESP, Brazil)

Oleksii Matsedonskyi (Weizmann, Israel)

Peter Reimitz (IFUSP, Brazil)

Gabriele Rigo (IPHT-Saclay, France)

Marcos Cardoso Rodriguez (UFRRJ, Brazil)

Maximilian Ruhdorfer (Cornell U., USA)

Yuri Shirman (U. of California-Irvine, USA)

John Terning (UC Davis, USA)

Thiago Tomei (NCC UNESP, Brazil)

Joseph Tooby-Smith (Cornell U., USA)

Riccardo Sturani (ICTP-SAIFR/IFT-UNESP, Brazil)

Tomer Volansky (Tel Aviv U., Israel)

The aim of the program is to bring together in a discussion-friendly environment renowned experts, as well as younger researchers, working on various aspects of physics beyond the Standard Model. More specifically, we foresee discussions on BSM model-building, Dark Matter, dark sectors, axions, the cosmological constant, possible experimental signals at collider, non-collider and astrophysical experiments. The event will have an open format centered around discussions, with a small number of talks. The program will last three weeks, with a minimum one-week stay, although longer stays are encouraged.

There is no registration fee.

Registration deadline:

July 15, 2022

Online registration and more information:

<https://www.ictp-saifr.org/ndfp2022/>



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