

Campus of IFT-UNESP - São Paulo, Brasil

September 12-23, 2022

JOINT ICTP-SAIFR/MITP SUMMER SCHOOL ON PARTICLE PHYSICS

New Developments on Beyond Standard Model Physics



CSABA CSAKI
Cornell U., USA
Naturalness-motivated BSM



RUTH DURRER
U. of Geneva, Switzerland
Frontiers of BSM in the sky



Yael SHADMI
Israel I. of Technology – Technion, Israel
Tools at the Frontiers of BSM: amplitudes



TILMAN PLEHN
U. of Heidelberg, Germany
Tools at the Frontiers of BSM: future colliders and machine learning



RAFFAELE TITO D'AGNOLO
IPHT-Saclay, France
The light and feeble frontier: light DM, Feebly Interacting Particles, Axion-like Particles and other beasts



GILAD PEREZ
Weizmann I., Israel
Frontiers in non-natural BSM

This first joint school of the ICTP South American Institute for Fundamental Research (ICTP-SAIFR) and the Mainz Institute of Theoretical Physics (MITP) will provide in-depth lectures in advanced topics in theoretical particle physics, covering important areas where recent progress has been made in the field. This activity is aimed at advanced graduate students, and funding for travel and local expenses is available for accepted candidates from both Latin America and Europe.

There is no registration fee.

Application deadline: July 3, 2022

Online application and more information:
www.ictp-saifr.org/bsmp2022/

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