SEWM 2022

Strong and ElectroWeak Matter

TOPICS

QCD in extreme conditions and dense nuclear matter
Baryogenesis and leptogenesis
Heavy-ion collisions and the Quark-Gluon Plasma
Quantum fields in and out equilibrium and thermalisation
Electroweak phase transition beyond the Standard Model
Early Universe physics and sources for gravitational waves
Compact stars
Quantum field dynamics and inflation

INVITED SPEAKERS

Chiara Caprini (Paris)
Miguel A. Escobedo (Santiago)
Jacopo Ghiglieri (Nantes)
Biagio Lucini (Swansea)
Silvia Masciocchi (GSI)
Bjoern Schenke (BNL)
Pierre Vanhove (Saclay)
Li Yan (Fudan)
Sebastien Clesse (Brussels)
Salvatore Fazio (Rende)
Olaf Kaczmarek (Bielefeld)
Cyrille Marquet (Palaiseau)
Andreas Ringwald (DESY)
Gregory Soyez (Saclay)
Aleksi Vuorinen (Helsinki)

https://indico.in2p3.fr/e/sewm2022

COMMITTEES

Local Organizing Committee

Philippe Brax (IPhT)
François Gelis (IPhT)
Edmond Iancu (IPhT)
Marco Cirelli (LPTHE)
Maxim Chernodub (Univ. Tours)

International Advisory Committee

Gert Aarts (Swansea)
Peter Arnold (Virginia)
Jürgen Berges (Heidelberg)
Mark Hindmarsh (Sussex)
Edmond Iancu (Saclay)
Dmitri Kharzeev (Stony Brook)
Mikko Laine (Bern)
Cristina Manuel (Barcelona)
Guy Moore (Darmstadt)
Anton Rebhan (Vienna)
Kari Rummukainen (Helsinki)
Mikhail Shaposhnikov (Lausanne)
Edward Shuryak (Stony Brook)
Laurence Yaffe (Seattle)
Anders Tranberg (Stavanger)

FROM RESEARCH TO INDUSTRY cea · cnrs · université PARIS-SACLAY · P2IO Physique des 2 Infinis et des Origines · IPhT SACLAY · SORBONNE UNIVERSITÉ