

XX FRASCATI SPRING SCHOOL

"BRUNO TOUSCHEK"

IN NUCLEAR, SUBNUCLEAR AND ASTROPARTICLE PHYSICS



Istituto Nazionale di Fisica Nucleare
Laboratori Nazionali di Frascati

**7th Young Researchers Workshop:
"Physics Challenges in the LHC Era"**

LNF, May 11-15, 2020 Frascati (Italy)

Scientific Programme

Flavour Physics and CP Violation in the Quark Sector: Theory

Jernej Kamenik (J.Stefan Inst. & Ljubljana U.)

Flavour Physics in the Charged-Lepton Sector: Theory

Giovanni Marco Pruna (Maynooth U.)

Experimental Heavy-Flavour Physics

Marie-Helene Schune (LAL Orsay)

Flavour Physics Measurements with Charged Leptons

Alberto Lusiani (Scuola Normale Superiore & INFN Pisa)

Future Colliders: from Accelerator and Detector

Technology to the Scientific Programme

Marcel Vos (IFIC & CSIC & Valencia U.)

QCD and Jets at Colliders

Matteo Cacciari (LPTHE & Paris 7 U.)

Out-of-Equilibrium Phenomena in the Early Universe

Kimmo Kainulainen (Jyväskylä U.)

Exploiting the Finest Details of the Cosmic Microwave

Background: Experimental Challenges

Paolo De Bernardis (Sapienza U. & INFN Rome)

Precision Big Bang Nucleosynthesis

Alain Coc (IJCLab Orsay)

International Advisory Committee

Tancredi Carli (CERN)

Benjamin Fuks (LPTHE & Sorbonne U. & CNRS Paris)

Tim Gershon (Warwick U.)

Elena Gonzalez Ferreira (Santiago de Compostela U.)

Elisa Resconi (TUM Munich)

Andreas Ringwald (DESY)

Local Organizing Committee

Gennaro Corcella (Chairman)

Luc Darmè

Federica Giacchino

Enrico Nardi

Alessandro Paoloni

Silvia Pisano

Marianna Testa

Spring School Colloquium

May 12, 18:00

Brave New Worlds: Discovery and Characterisation of Planets Beyond our Solar System

Daniel Bayliss (Warwick U.)

Secretariat

Maddalena Legramante

E-mail: school@Inf.infn.it

<http://www.Inf.infn.it/conference/Infss/20>



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