

XVIII FRASCATI SPRING SCHOOL "BRUNO TOUSCHEK"

IN NUCLEAR SUBNUCLEAR AND ASTROPARTICLE PHYSICS



and 5th Young Researchers Workshop:
"Physics Challenges in the LHC Era"



LNF, May 9 - 13, 2016
Frascati (Italy)

<http://www.lnf.infn.it/conference/lnfss/16/>

Scientific Programme

Dark Matter: models and signatures

Alejandro Ibarra (Munich, Tech. U.)

Neutrinoless double beta decay: theory

Werner Rodejohann (MPIK, Heidelberg)

Signatures of new physics at LHC

Tilman Plehn (Heidelberg U., ITP)

Dark Matter: Experimental searches

Marc Schumann (Bern U., AEC)

Neutrinoless double beta decay: experiments

Stefan Schönert (Munich, Tech. U.)

Searches for new particles at the LHC

Oliver Buchmueller (Imp. Coll., London)

5th Young Researchers Workshop

Physics Challenges in the LHC era

May 10th and 12th, 16:00-18:00

Spring School Colloquium

The SETI Project:

Explore, understand and explain the origin,
nature and prevalence of life in the Universe

Seth Shostak (Director, Center for SETI research)

International Scientific Committee

Wilfried Buchmuller (DESY)

Filippo Ceradini (U. & INFN Roma3)

Anna Di Ciaccio (U. & INFN Tor Vergata)

John Ellis (CERN & King's College, London)

Benjamin Grinstein (UC San Diego)

Ida Peruzzi (INFN-LNF & U. Perugia)

Antonio Pich (U. Valencia & IFIC, U. Valencia)

Local Organizing Committee

Mario Antonelli

Sofiane Boucenna

Gennaro Corcella

Vittorio Del Duca

Claudio Gatti

Martin Krauss

Andrea Longhin

Davide Meloni

Enrico Nardi (School Director)

Tommaso Spadaro



Frascati: Villa Aldobrandini (Ninfeo delle Acque) Photo by Tullio Vinicio