



Mainz Institute for Theoretical Physics

ACTIVITIES 2016

SCIENTIFIC PROGRAMS

NA62 Kaon Physics Handbook

Augusto Ceccucci **CERN**, Giancarlo D'Ambrosio **INFN Naples**
Ulrich Haisch **Univ. Oxford**, Rainer Wanke **JGU**

January 11-22, 2016

Composite Dynamics: from Lattice to LHC Run II

Giacomo Cacciapaglia **IPN Lyon**
Francesco Sannino **CP³ Origins**, Thomas Flacke **KAIST**

April 4-15, 2016

Dark Matter in the Milky Way

Fabio Iocco **ICTP-SAIFR & IFT-UNESP, São Paulo**
Arianna Di Cintio **DARK, Univ. Copenhagen**
Miguel Pato **Univ. Stockholm**
Christoph Weniger **Univ. Amsterdam**

May 2-13, 2016

Neutron Skins of Nuclei

Charles Horowitz **Indiana Univ.**
Jorge Piekarewicz **Florida State Univ.**
Concettina Sfienti, Marc Vanderhaeghen **JGU**

May 17-27, 2016

Exploring the Energy Ladder of the Universe

Pasquale Di Bari, Steve King **Univ. Southampton**
Qaisar Shafi **Univ. Delaware**

May 30-June 10, 2016

TOPICAL WORKSHOPS

Determination of the Fundamental Parameters in QCD

Irinel Caprini **IFIN-HH Bucharest**
Konstantyn Chetyrkin **INR Moskau**
Cesareo A. Dominguez **Univ. Cape Town**
Antonio Pich **Univ. Valencia**, Hubert Spiesberger **JGU**

March 7-12, 2016

Flavor and Electroweak Symmetry Breaking

Giulia Ricciardi **Univ. Naples Federico II**
Tobias Hurth, Matthias Neubert **JGU**

June 13-24, 2016, Capri, Italy

Understanding the First Results from LHC Run II

Tilman Plehn **Univ. Heidelberg**
Graham Kribs **Univ. Oregon**
Shufang Su **Univ. Arizona**
Tim Tait **UC Irvine**

June 27-July 22, 2016

Effective Field Theories as Discovery Tools

Wolfgang Altmannshofer **Perimeter Inst.**
Yang Bai **Univ. Wisconsin Madison**
Monika Blanke **KIT Karlsruhe**
Felix Yu, Jose Zurita **JGU**

August 22-September 9, 2016

MITP SUMMER SCHOOL

New Physics on Trial at LHC Run II

Joachim Brod, Maikel De Vries
Anna Kaminska, Felix Yu
Matthias Neubert **JGU**

July 25-August 5, 2016

Relativistic Hydrodynamics: Theory and Modern Applications

Francesco Becattini **Florence Univ.**
Dmitri Kharzeev **Stony Brook Univ. & BNL**
Dirk H. Rischke **Goethe Univ. Frankfurt**
Dam Thanh Son **Univ. Chicago**
Mikhail Stephanov **Univ. Illinois, Chicago**

October 10-14, 2016

For more details: <http://www.mitp.uni-mainz.de>



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PRISMA Cluster of Excellence

Johannes Gutenberg-Universität Mainz, Germany