Mainz Institute for Theoretical Physics

ACTIVITIES 2014

SCIENTIFIC PROGRAMS

High precision fundamental constants at the TeV scale

Sven-Olaf Moch **Univ. Hamburg** Stefan Weinzierl **JGU Mainz**

March 10–21, 2014, JGU Campus Mainz

Theory facing experiment on Electroweak Symmetry Breaking, Flavor and Dark matter: where do we stand

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

May 19–30, 2014, Capri, Italy

Probing the TeV scale and beyond

Paul Langacker **Princeton Univ.**, Zygmunt Lalak, Stefan Pokorski **Univ. Warsaw**, James Wells **CERN**

June 30 – Juli 25, 2014, JGU Campus Mainz

Jets, particle production and transport properties in collider and cosmological environments (JPTCCE)

Nora Brambilla **TU Munich**, Dietrich Bödeker **Bielefeld Univ.**, Guy D. Moore **McGill Univ.**, Frank D. Steffen **MPI for Physics Munich**, Antonio Vairo **TU Munich**, Harvey Meyer **JGU Mainz**

Juli 28 – August 8, 2014, JGU Campus Mainz

String theory and its applications

Johanna Erdmenger **MPI for Physics Munich**, Myrjam Cvetic **University of Pennsylvania**, Fernando Marchesano **UAM/CSIC Madrid**, Carlos Nunez **Swansea University**, Timo Weigand **Univ. Heidelberg**, Gabriele Honecker **JGU Mainz**

September 1–26, 2014, JGU Campus Mainz

TOPICAL WORKSHOPS

Hadronic contributions to the muon anomalous magnetic moment: strategies for improvements of the accuracy of the theoretical prediction

Tom Blum **Univ. of Connecticut**, Simon Eidelman **INP Novosibisrk**, Fred Jegerlehner **HU Berlin**, Dominik Stöckinger **TU Dresden**, Achim Denig, Marc Vanderhaeghen **JGU Mainz**

April 1–5, 2014, JGU Campus Mainz

Proton Radius Puzzle

Carl Carlson **College of William and Mary, USA**, Savely Karshenboim **MPI for Quantum Optics, Munich**, Marc Vanderhaeghen **JGU Mainz**

June 2–6, 2014, Waldthausen Castle near Mainz

Mainz Institute for Theoretical Physics
PRISMA Cluster of Excellence
Johannes Gutenberg-Universität Mainz, Germany

JG|U

Cluster of Excellence Precision Physics, Fundamental Interactions and Structure of Matter
PRISMA

For more details: www.mitp.uni-mainz.de
Applications to be sent to coordinator@mitp.uni-mainz.de
or via www.mitp.uni-mainz.de/indico