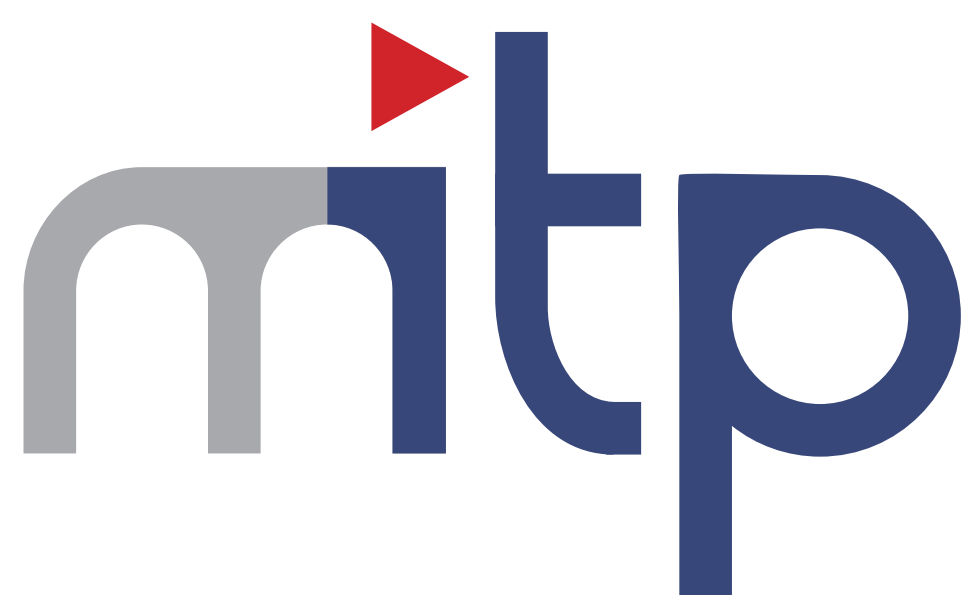
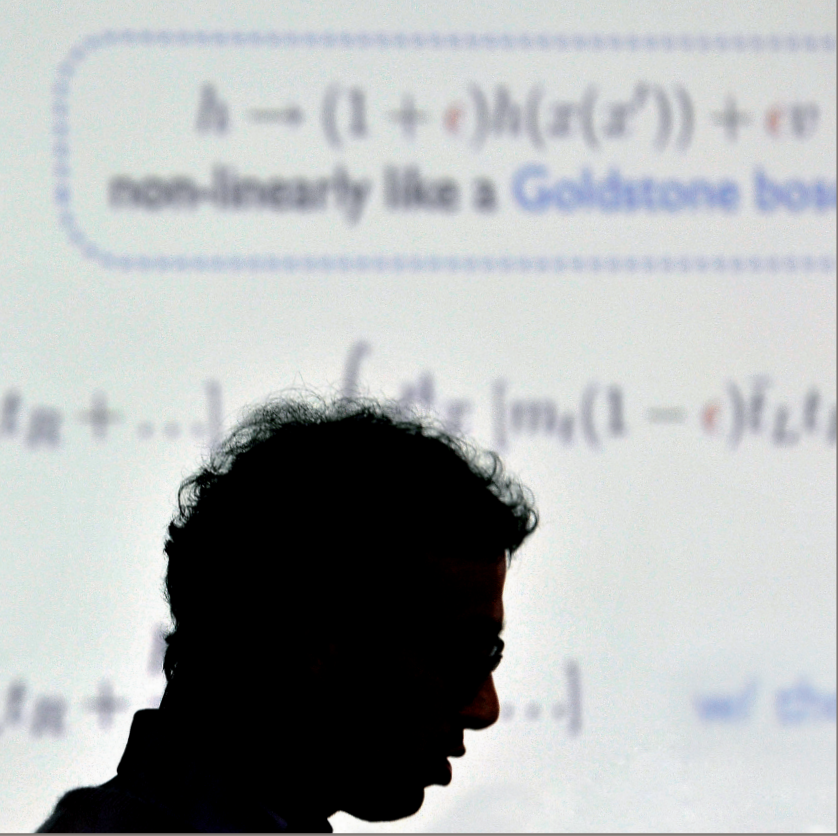




# Mainz Institute for Theoretical Physics

## 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 Cvetič **Univ. of Pennsylvania**, Fernando Marchesano **UAM/CSIC Madrid**, Carlos Nunez **Swansea Univ.**, 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 Novosibirsk**, 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**

**For more details: <http://www.mitp.uni-mainz.de>  
Applications to be sent to [coordinator@mitp.uni-mainz.de](mailto:coordinator@mitp.uni-mainz.de)  
or via <http://indico.mitp.uni-mainz.de/>**



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



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