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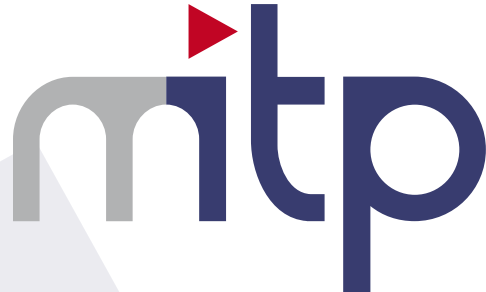
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ACTIVITIES 2018

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Mainz Institute for Theoretical Physics

SCIENTIFIC PROGRAMS

Probing Physics Beyond the SM with Precision
Ansgar Denner **U Würzburg**, Stefan Dittmaier **U Freiburg**,
Tilman Plehn **Heidelberg U**
February 26 - March 9, 2018

Bridging the Standard Model to New Physics with the Parity Violation Program at MESA
Jens Erler **UNAM**, Mikhail Gorshteyn, Hubert Spiesberger **JGU**
April 23 - May 4, 2018

Modern Techniques for CFT and AdS
Bartłomiej Czech **IAS Princeton**, Michal P. Heller
MPI for Gravitational Physics, Alessandro Vichi **EPFL**
May 22 - 30, 2018

The Dawn of Gravitational Wave Science
Luis Lehner **Perimeter Inst.**, Rafael A. Porto **ICTP-SAIFR**,
Riccardo Sturani **IIP Natal**, Salvatore Vitale **MIT**
June 4 - 15, 2018

The Future of BSM Physics
Gian Giudice **CERN**, Giulia Ricciardi **U Naples Federico II**,
Tobias Hurth, Joachim Kopp, Matthias Neubert **JGU**
June 4 - 15, 2018, Capri, Italy

Probing Baryogenesis via LHC and Gravitational Wave Signatures
Germano Nardini **U Bern**, Carlos E.M. Wagner
U Chicago / Argonne Nat. Lab., Pedro Schwaller **JGU**
June 18 - 29, 2018

From Amplitudes to Phenomenology
Fabrizio Caola **IPPP Durham**,
Bernhard Mistlberger, Giulia Zanderighi **CERN**
August 13 - 24, 2018

String Theory, Geometry and String Model Building
Philip Candelas, Xenia de la Ossa, Andre Lukas **U Oxford**,
Daniel Waldram **Imperial College London**,
Gabriele Honecker, Duco van Straten **JGU**
September 10 - 21, 2018

TOPICAL WORKSHOPS

The Evaluation of the Leading Hadronic Contribution to the Muon Anomalous Magnetic Moment
Carlo Carloni Calame **INFN Pavia**, Massimo Passera **INFN Padua**,
Luca Trentadue **U Parma**, Graziano Venanzoni **INFN Pisa**
February 19 - 23, 2018

Applied Newton-Cartan Geometry
Eric Bergshoeff **U Groningen**, Niels Obers **NBI Copenhagen**,
Dam Thanh Son **U Chicago**
March 12 - 16, 2018

Challenges in Semileptonic B Decays
Paolo Gambino **U Turin**, Andreas Kronfeld **Fermilab**,
Marcello Rotondo **INFN-LNF Frascati**, Christoph Schwanda **ÖAW Vienna**
April 9 - 13, 2018

Tensions in the LCDM Paradigm
Cora Dvorkin **Harvard**, Silvia Galli **IAP Paris**,
Fabio Iocco **ICTP-SAIFR**, Federico Marinacci **MIT**
May 14 - 18, 2018

The Proton Radius Puzzle and Beyond
Richard Hill **U Kentucky / Fermilab**, Gil Paz **Wayne State U**, Randolph Pohl **JGU**
July 23 - 27, 2018

Scattering Amplitudes and Resonance Properties from Lattice QCD
Maxwell T. Hansen **CERN**, Sasa Prelovsek **U Ljubljana / U Regensburg**,
Steve Sharpe **U Washington**, Georg von Hippel, Hartmut Wittig **JGU**
August 27 - 31, 2018

Quantum Fields – From Fundamental Concepts to Phenomenological Questions
Astrid Eichhorn **Heidelberg U**, Roberto Percacci **SISSA Trieste**,
Frank Saueressig **U Nijmegen**
September 26 - 28, 2018

MITP SUMMER SCHOOL 2018

Johannes Henn, Matthias Neubert, Stefan Weinzierl, Felix Yu **JGU**
July 2018



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