



Mainz Institute for Theoretical Physics

SCIENTIFIC PROGRAMS

Dark Matter Identification: Connecting Theory and Signature Space

Geneviève Bélanger LAPTh Annecy,
Alexander Belyaev U Southampton,
Tilman Plehn U Heidelberg

April 1 - 12, 2019

Holography, Generalized Geometry and Duality

Nikolay Bobev KU Leuven, Yolanda Lozano U Oviedo,
Dario Martelli King's College London,
Alessandro Tomasiello U Milano-Bicocca

May 6 - 17, 2019

The Mysterious Universe: Dark Matter-Dark Energy-Cosmic Magnetic Fields

Ruth Durrer U Geneva, Klaus Fredenhagen U Hamburg,
Juerg Froehlich ETH Zurich, Daniel Wyler U Zurich,
Pedro Schwaller JGU

May 20 - June 7, 2019

Indirect Searches for New Physics across the Scale

Benjamin R. Safdi U Michigan Ann Arbor, Tracey Slatyer MIT,
Yotam Soreq CERN, Joachim Kopp, CERN/JGU

June 17 - July 12, 2019

Factorization Violation and Glauber Gluons

Jonathan Gaunt CERN, Tomas Kasemets,
Maximilian Stahlhofen, Lisa Zeune JGU

August 12 - 23, 2019

Fundamental Composite Dynamics: Opportunities for Future Colliders and Cosmology

Giacomo Cacciapaglia IPN Lyon,
Thomas Flacke IBS CTPU Daejeon,
Benjamin Fuks U Sorbonne,
K. Sridhar Tata Institute Mumbai

August 26 - September 6, 2019

Heavy-Quark Hadro Production from Collider to Astroparticle Physics

Ralph Engel KIT,
Maria Vittoria Garzelli U Delaware,
Sven-Olaf Moch U Hamburg

September 30 - October 11, 2019

TOPICAL WORKSHOPS

Future Challenges in Non-Leptonic B Decays: Theory and Experiment

Thomas Mannel U Siegen, Keri Vos U Siegen,
Javier Virto MIT

January 14 - 18, 2019

LHCb and Belle II Opportunities for Model Builders

Admir Greljo CERN, David Marzocca INFN Trieste,
Marco Nardecchia CERN, Adrian Carmona JGU

January 28 - February 1, 2019

Mathematics of Linear Relations between Feynman Integrals

Christian Bogner HU Berlin, Erik Panzer All Souls College Oxford,
Yang Zhang MPI Munich

March 18 - 22, 2019

Quantum Vacuum: Renormalization Group and Anomalies in Cosmology

Manuel Asorey U Zaragoza, Emil Mottola LANL,
Ilya L. Shapiro Fed. U Juiz de Fora, Andreas Wipf FSU Jena

September 23 - 27, 2019

MITP SUMMER SCHOOL 2019

Non-perturbative Phenomena and the Early Universe

Harvey Meyer, Pedro Schwaller, Hartmut Wittig JGU

22 July - 9 August, 2019

ACTIVITIES 2019

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PRISMA Cluster of Excellence
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