

MITP  
SCIENTIFIC  
PROGRAM

# Opening

Particle Physics Phenomenology  
after the Higgs Discovery

October 6 – 17, 2025



<https://indico.mitp.uni-mainz.de/event/415>

mitp  
Mainz Institute for  
Theoretical Physics

Thomas Mannel, University of Siegen

© Gundula Schmidt-Moskob & Gudrun Heinrich

Gudrun Heinrich, ITP of KIT

Michael Krämer, ITK of RWTH Aachen University

Malgorzata Worek, ITK of RWTH Aachen University

# Scope of the Program

- exchange ideas on a successful precision-based research program
  - ... at the LHC and beyond
  - Precision QCD and precision electroweak physics,
  - Flavor physics
  - Model building for BSM physics
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- Identify measurements
  - Computational techniques
  - novel methods

# Practical Information I: The program

- This is not a workshop or Conference!
- Program is very relaxed, emphasis is on discussion
- Program is tentative, modifications are possible and likely
- Please contact the organizers in case you have ideas

# Practical Information II: Survival

- Breakfast: In the lounge there will be Coffee and Pretzels
- Lunch:
  - Just across there is the mensa of the university (recommended)
  - There is a limited number of eating places on the campus
- Afternoon Coffee at 15:00 with some sweets ...
- Dinner: Self organized (you may use the notice board next to the lounge)
- Social Dinner: Wednesday 19:30 at the Eisgrub Brewery
  - ...Please sign up at the notice board
- Please fill the reimbursement form in your folder to get your deposit back!

Enjoy your stay