



# 1<sup>st</sup> INTERNATIONAL MPA SUMMER SCHOOL

## Fundamental Interactions in Particle, Hadron and Nuclear Physics



The Mainz Physics Academy (MPA) and PRISMA+ Cluster of Excellence at Johannes Gutenberg-University Mainz announce the first International Summer School on Fundamental Interactions in Particle, Hadron and Nuclear Physics.

Speakers include:

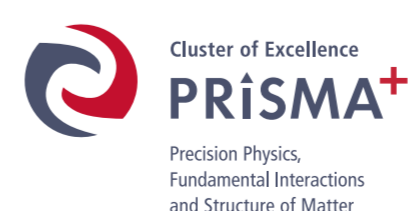
- **Jens ERLER:** The muon  $g-2$   
Johannes Gutenberg-University Mainz, Germany
- **Anna GRASSELLINO:** SRF technology & implications for quantum computing  
Fermilab Illinois, USA
- **Pilar HERNANDEZ:** Future perspectives in particle physics  
University of Valencia, Spain
- **Florian HUG:** Accelerator and SRF technology  
Johannes Gutenberg-University Mainz, Germany
- **Tsutomu MIBE:** Precision physics with muons  
High Energy Accelerator Research Organization KEK, Japan
- **Jorge PIEKAREWICZ:** Nuclear astrophysics in the new era of gravitational-wave astronomy  
Florida State University, USA
- **Daniel PHILLIPS:** Uncertainty quantifications with Bayesian methods  
Ohio University, USA
- **Kate SCHOLBERG:** Neutrino Physics  
Duke University, USA



More information about the summer school can be found at:  
<https://indico.mitp.uni-mainz.de/event/277>

Organisation committee:

**Sonia BACCA, Martin FERTL, Florian HUG, Sascha KROMIN, Simone Li MULI, Lucia MASETTI, Pedro SCHWALLER, Marie-Christin WEDEL, Hartmut WITTIG**



JOHANNES GUTENBERG  
UNIVERSITÄT MAINZ



The Summer School will take place **at the university campus from 13-17 September 2021** in a hybrid format, allowing the participants to follow the program in presence or online.

More information about the organizing institutions can be found at:

[www.prisma.uni-mainz.de](http://www.prisma.uni-mainz.de) | <https://www.prisma.uni-mainz.de/mpa>  
Contact: [mpa@uni-mainz.de](mailto:mpa@uni-mainz.de)

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