

# Seminar Hochenergiephysik

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**(D6-135, Montags 16h c.t. / Donnerstags 14h c.t.)**

| <b>Datum</b> | <b>Vortragender / Herkunft</b>   | <b>Thema</b>   | <b>Ansprechpartner</b>         |
|--------------|--|--|--------------------------------|
| 17.10.22     | Bardia Najjari Farizhendi<br>Universität Bonn  | <a href="#">Multi-Species Thermalization Cascade of Energetic Particles in the Early Universe: Application to Non-Thermal Dark Matter Production</a> | <a href="#">D. Bödeker</a>     |
| 27.10.22     | Nataliya Porayko<br>Max-Planck-Institut für Radioastronomie Bonn                                 | <a href="#">Chasing Scalar Field Dark Matter with Pulsar Experiments</a>   | <a href="#">D. Schwarz</a>     |
| 03.11.22     | Sayantana Sharma<br>The Institute of Mathematical Sciences,<br>Chennai, India                    | <a href="#">Understanding the Topological Fluctuations Near the Chiral Crossover in QCD</a>  | <a href="#">Ch. Schmidt</a>    |
| 07.11.22     | Marcel Rodekamp<br>FZ Jülich   | <a href="#">Mitigating the Hubbard Sign Problem. A Novel Application of Machine Learning</a>   | <a href="#">O. Kaczmarek</a>   |
| 12.12.22     | <a href="#">Perna Rana</a><br>TIFR Mumbai  | <a href="#">Relativistic dynamics in black hole systems and efforts toward the discovery of nano-Hz GWs</a>  | <a href="#">D. Schwarz</a>     |
| 19.12.22     | <a href="#">Sigtryggur Hauksson</a><br>IPhT, CEA-Saclay  | <a href="#">Photon and jet parton polarization as a measure of QGP anisotropy</a>  | <a href="#">S. Schlichting</a> |
| 02.02.23     | Jinglan Zheng<br>Bielefeld University  | <a href="#">Modified Gravity Constraints from Cosmological Probes</a>  | <a href="#">D. Schwarz</a>     |
| 16.02.23     | <a href="#">Prof. Martin Savage</a><br>InQubator for Quantum Simulation University of Washington | <a href="#">Some Recent Progress in Quantum Simulations for Standard Model Physics</a>   | <a href="#">C. Robin</a>       |

