

Timetable of Annual Retreat 2022

5. – 8.9.2022 at Hotel Schnitterhof, Bad Sassendorf

Monday, September 5	
	Transfer from the institute / Individual arrival
10:00	Welcome / Coffee
10:30 – 12:00	<p>Talks by PhD Students</p> <p><i>J/ψ Production in p-Pb Collisions at the LHC as a Function of Multiplicity</i> Tabea Eder</p> <p><i>Enumeration of Feynman Graphs</i> Johannes Branahl</p>
12:00	Lunch
13:30	RTG Board Meeting
15:00 – 17:00	<p>Talks by PhD Students</p> <p><i>Quark Contributions to the Mass of the Octet Baryons from Lattice QCD</i> Pia L. J. Petrak</p> <p><i>Energy Calibration of XENON_nT and Generative Machine Learning for Fast Simulations</i> Henning Schulze Eiβing</p> <p><i>Search for Tetraquark and Hybrid States with BESIII</i> Frederik Weidner</p>
17:00	Coffee Break
17:30 – 19:00	<p><i>Experimental Overview of Hadron Spectroscopy – or, Exotic States and where to find them (I)</i> Prof. Dr. Wolfgang Gradl, Johannes Gutenberg-Universität Mainz, Institut für Kernphysik</p>
19:00	Dinner

Tuesday, September 6

08:00	Breakfast
09:00 – 10:30	<i>Acceleration and Transport of Galactic Cosmic Rays (I)</i> Jun.-Prof. Dr. Philipp Mertsch, RWTH Aachen, Institut für Theoretische Teilchenphysik und Kosmologie
10:30	Coffee Break / Photo
11:00 – 12:30	<i>Experimental Overview of Hadron Spectroscopy – or, Exotic States and where to find them (II)</i> Prof. Dr. Wolfgang Gradl
12:30	Lunch
14:30	Coffee Break
15:00 – 16:30	<i>Acceleration and Transport of Galactic Cosmic Rays (II)</i> Jun.-Prof. Dr. Philipp Mertsch
16:30	Coffee Break
17:00 – 18:30	<i>Hadron Spectroscopy from Lattice QCD (I)</i> PD Dr. Sara Collins, Universität Regensburg, Institut für Theoretische Physik
19:00	Dinner

Wednesday, September 7 – Young Researchers’ Day

08:00 Breakfast

09:00 – 10:30 *Hadron Spectroscopy from Lattice QCD (II)*
PD Dr. Sara Collins

10:30 Coffee Break

11:00 – 12:30 *Research Data Management in the Digital Ages*
Dr. Harry Enke,
AIP – Leibnitz Institut für Astrophysik, Potsdam

12:30 Lunch

14:00 Transfer with cars to Möhnesee

14:30 – ... **Soccer Golf**

16:30 (approx.) optional: **Walk crossing the Möhne Dam**

17:30 Transfer to Hotel Schnitterhof

18:30 (approx.) Barbecue

Thursday, September 8 – Young Researchers’ Day (cont.)

08:00 Breakfast

09:00 – 10:30 *Research Data Management Approaches in PUNCH₄NFDI*
Dr. Kilian Schwarz,
GSI Helmholtzzentrum für Schwerionenforschung, Darmstadt

10:30 Coffee Break

11:00 – 12:30 *Silent Events at the LHC:*
Probing QCD and Searching for BSM Physics
Prof. Dr. Victor P. Gonçalves,
Univ. Federal de Pelotas, Instituto de Física e Matemática, Brasil

12:30 Lunch

13:30 – 14:00 **Meeting of PhD Students & Postdocs**
Closure / Feedback

End
