Theory Challenges in the Precision Era of the Large Hadron Collider

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The Galileo Galilei Institute

GGI workshop

Overall plan

- Week 1 (28/08 01/09) Kick-off conference
- Week 2 (04/09 08/09) Precision QCD results
- Week 3 (11/09 15/09) Scattering amplitudes and new algorithms
- Week 4 (18/09 23/09) Resummation, PDFs and MC developments
- Week 5 (25/09 30/09) Training week for PhD students
- ▶ Week 6 (02/10 06/10) Electroweak theory
- ▶ Week 7 (09/10 13/10) SMEFT and New Physics

Weekly plan

- Every day (Mon Fri)
 - 10:30 AM coffee and cookies (meet at the machine, courtyard)
 - 01:00 PM lunch
 - 04:00 PM coffee and cookies
- ▶ This week's talks at 11:00 AM and 2:30 PM

Sep 19, 2023 - 11:00-11:30	Pier Francesco Monni	Collinear fragmentation at NNLL: generating functionals, groomed correlators and angularities
Sep 20, 2023 - 11:00-11:30	Davison Soper	A gauge choice for organizing infrared singularities in QCD
Sep 20, 2023 - 14:30-15:00	Jeppe Andersen	High Energy Logarithms at full next-to- leading logarithmic accuracy
Sep 21, 2023 - 11:00-11:30	Wouter Waalewijn	Recent developments on track functions
Sep 22, 2023 - 11:00-11:30	Simon Plätzer	Colour evolution

Your duties

- Discuss, ask questions, collaborate, ...
 - any other suggestion for activities

 \longrightarrow talk to the organizers

- Have coffee, lunch, ...
- Acknowledgements in research work
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