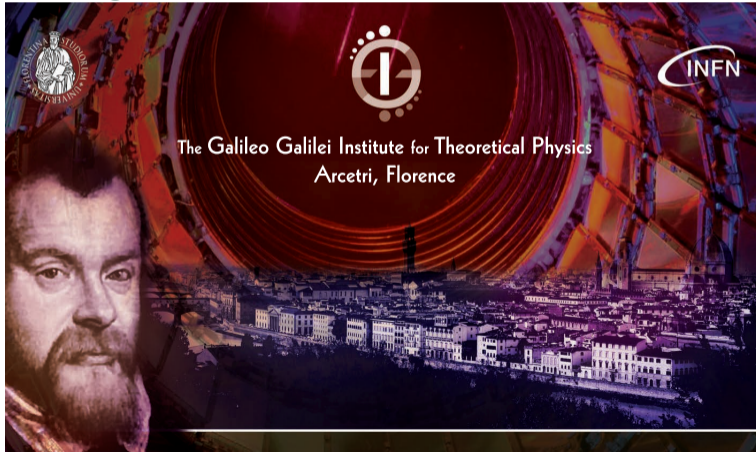


Theory Challenges in the Precision Era of the Large Hadron Collider

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2023 August 28th - 2023 October 13th



Schedule

- 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:
 - ⇒ 10:30 am: Coffee and Cookies: meet at the coffee machines
 - ⇒ 1:00 pm (sharp): lunch
 - ⇒ 4:00 pm: Coffee and Cookies: meet at the coffee machines
- Talks (usually scheduled at 11 am and 2:30 pm)

Oct 04, 2023 - 11:00 - 11:30	Davide Pagani	EW corrections at muon colliders	Talk
Oct 05, 2023 - 11:00 - 11:30	Mauro Chiesa	Electroweak precision physics at the LHC: the M_W and $\sin_{\theta}^2(l, \text{eff})$ example	Talk

Practicalities

- Opening hours:
 - 7:30 - 20:00, Monday - Friday
 - The building is **alarmed** between 21:00 - 6:00
 - In all other cases use your **badge**
 - Main gate is closed between 20:00 - 7:00 (and weekends)
⇒ Use your badge to open
- Internet: use Eduroam
 - In case you do not have Eduroam: sign up for UniFi network with Annalisa (room: 101)
- Printing: easiest: use a USB key, print at printer
 - Network printing: ask Alessio (room: 102)



Practicalities

- Yellow RFID tag: key to coffee machines
- Badge: entering and leaving the facilities
- **Wear** your badge
- When leaving put your keys and badge into the plexiglass box next to Annalisa's office (room: 101)



Acknowledging GGI

- *[XXX] is grateful to the Galileo Galilei Institute where the main part of this work was done for warm hospitality.*
- *[XXX] is grateful to the Galileo Galilei Institute for hospitality and support during the scientific program on “Theory Challenges in the Precision Era of the Large Hadron Collider”, where part of this work was done.*

Acknowledging GGI

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Conference: 17/07/2023 - Emergent Geometries from Strings and Quantum Fields ▼

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