Chaos, Scars, Thermalization

May 11 – 15, 2026
CERN
Europe/Zurich timezone

When

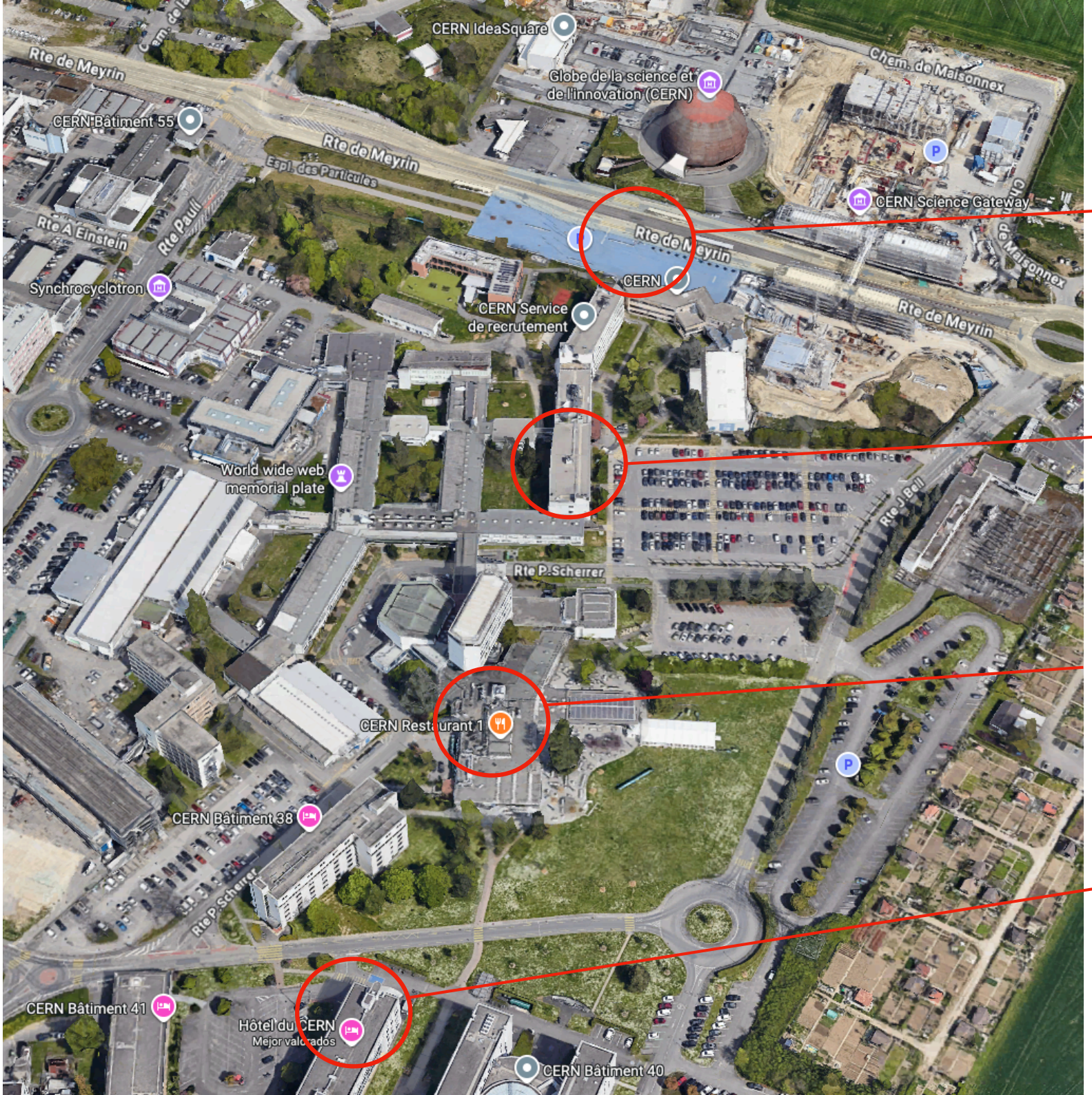
Starts May 11, 2026, 8:50 AM
Ends May 15, 2026, 5:00 PM
Europe/Zurich

Where

CERN
4/3-006 - TH Conference Room
Go to map

Organizers

Enrique Rico Ortega
Giuliano Giacalone
Joao Lourenco Henriques Barata
Shota Komatsu



Main directions

Entrance

CERN-TH

Restaurant R1

CERN Hostel

Conference structure

Mon 11/05

08:00

Welcome *Enrique Rico Ortega*
4/3-006 - TH Conference Room, CERN 08:50 - 09:00

09:00

Non-ergodic dynamics in SU(2) lattice gauge theory: scars, fragmentation, and disorder-free localization *Giovanni Cataldi*
4/3-006 - TH Conference Room, CERN 09:00 - 10:00

10:00

Coffee-break
4/2-011 - TH common room, CERN 10:00 - 10:45

Quasiparticle wavepackets for glueball scattering on a qutrit chain *Dr Marco Rigobello*

11:00

4/3-006 - TH Conference Room, CERN 10:45 - 11:45

Lunch break

12:00

13:00

4/3-006 - TH Conference Room, CERN 11:45 - 14:00

14:00

Group Invariant Quantum Many-Body Scars and Unconventional Electron Pairing *Dr Kiryl Pakrouski*
4/3-006 - TH Conference Room, CERN 14:00 - 15:00

15:00

Coffee-break
4/2-011 - TH common room, CERN 15:00 - 16:00

16:00

Mon 11/05

Welcome — *Enrique Rico Ortega*
4/3-006 - TH Conference Room, CERN 08:50 - 09:00

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Quasiparticle wavepackets for glueball scattering on a qutrit chain — *Dr Marco Rigobello*
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Group Invariant Quantum Many-Body Scars and Unconventional Electron Pairing — *Dr Kiryl Pakrouski*
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Coffee-break
4/2-011 - TH common room, CERN 15:00 - 16:00

Wed 13/05

tbc — *Julian Sonner*
4/3-006 - TH Conference Room, CERN 09:00 - 10:00

Coffee-break
4/2-011 - TH common room, CERN 10:00 - 10:45

Tensor Network methods for real-time dynamics of Gauge Field Theories — *Giuseppe Magnifico*
4/3-006 - TH Conference Room, CERN 10:45 - 11:45

Lunch break
4/3-006 - TH Conference Room, CERN 11:45 - 14:00

Color Glass to Color Fluid: Thermalization in ultrarelativistic heavy-ion collisions — *Raju Venugopalan*
4/3-006 - TH Conference Room, CERN 14:00 - 15:00

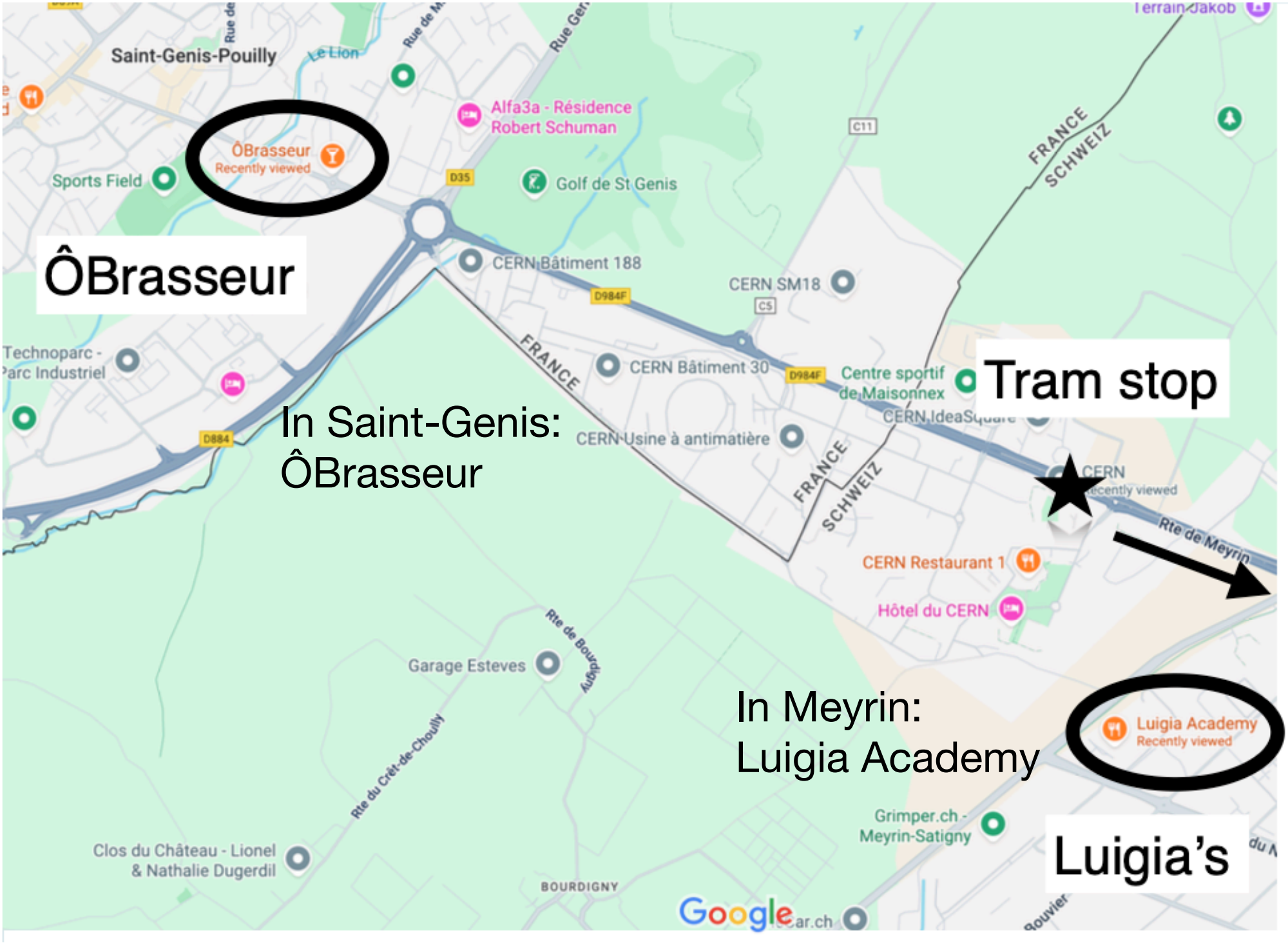
Coffee-break
4/2-011 - TH common room, CERN 15:00 - 16:00

New ideas for nonthermal fixed points — *Michal Heller*
4/3-006 - TH Conference Room, CERN 16:00 - 17:00

Logistical Information

- Coffee breaks in the TH Common Room
- Other collaboration spaces: the seminar room 2-037 and 2-027
- The TH Secretariat is directly across the hall from the TH Common Room
- You can also direct any questions to the organizers: Joao, Giuliano, Shota, Enrique
- To get into the city center, you usually take the 18 Tram line. When coming to CERN from Geneva, take the 18 tram to Meyrin
- We typically gather for lunch at ~12:00 pm before heading to R1
- Restaurant Options nearby.- In Saint-Genis: ÔBrasseur; In Meyrin: Luigia Academy

Restaurant recommendations



Code of Conduct

Code of Conduct

The CERN Code of Conduct is the blueprint for how we work together at CERN. We strive to create an inclusive environment where people treat each other with professionalism and respect. We expect the same from the workshop participants.

Participants are expected to treat each other with courtesy, respect, kindness and professionalism. Inappropriate language or behavior, including bullying or harassment, will not be tolerated. This expectation applies to all the programmed sessions, as well as any chat platform or virtual environment associated with the workshop.

Those who will participate remotely, are encouraged to include their full name and preferred pronouns in their Zoom display name. Remote participants should ensure that their microphones are muted when not speaking, and use the raise-hand button or chat window to get the attention of session chairs.

All participants are expected to approach discussions with each other and act with sensitivity and heightened awareness of the various ongoing challenges and troubling events across the world.