

Welcome to the strong2020 workshop on « fixed target experiments at LHC »




This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement STRONG – 2020 - No 824093

Useful links

Event <https://indico.cern.ch/event/1143479/>

Zoom link <https://cern.zoom.us/j/63352279139?pwd=cmJWSEY3N0tVR3VJb1o5RVZONC9Odz09>

CERN map <https://maps.web.cern.ch>



Fixed target experiments at LHC - strong2020 workshop

22–24 Jun 2022
CERN
Europe/Zurich timezone

Overview

- Timetable
- Contribution List
- Registration
- Participant List
- Videoconference

The **STRONG-2020** work package "**Fixed target experiments at LHC**" organizes a workshop to review the activities on the topic. The workshop will be onsite at CERN.

The **STRONG-2020** project brings together many of the leading research groups and infrastructures involved today in the study of the strong interaction in Europe, and also exploits the innovation potential in applied research through the development of detector systems with applications beyond fundamental physics, *e.g.*, for medical imaging and information technology.

Starts 22 Jun 2022, 14:00
Ends 24 Jun 2022, 16:00
Europe/Zurich

CERN
Wednesday and Thursday: 31/3-004 IT Amphitheater
Friday: 61/1-009 C-room

Charlotte Van Hulse
Cynthia Hadjidakis
Pasquale Di Nezza

There are no materials yet.

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Timetable

< **Wed 22/06** Thu 23/06 Fri 24/06 All days >

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Session legend

General aspects and overview X

14:00	Welcome and introduction 31/3-004 - IT Amphitheatre, CERN 14:00 - 14:05
	Unpolarized and polarized hadron structure 31/3-004 - IT Amphitheatre, CERN 14:05 - 14:35 <i>Andrea Signori</i>
	Antimatter in cosmic rays: the role of cross sections 31/3-004 - IT Amphitheatre, CERN 14:35 - 15:05 <i>Fiorenza Donato</i>
15:00	QGP physics in fixed target collisions 31/3-004 - IT Amphitheatre, CERN 15:05 - 15:35 <i>Barbara Antonina Trzeciak</i>
	Heavy flavour production in heavy-ion collisions 31/3-004 - IT Amphitheatre, CERN 15:35 - 16:05 <i>Bojana Ilic (Blagojevic) et al.</i>
16:00	Coffee Break 31/3-004 - IT Amphitheatre, CERN 16:05 - 16:30
	Jet physics at sPHENIX 31/3-004 - IT Amphitheatre, CERN 16:30 - 17:00 <i>Sebastian Tapia Araya</i>
17:00	Cold Nuclear Matter effects at LHC fixed-target experiment energy 31/3-004 - IT Amphitheatre, CERN 17:00 - 17:30 <i>Elena Gonzalez Ferreiro</i>
	Synergies between the EIC and FT@LHC projects 31/3-004 - IT Amphitheatre, CERN 17:30 - 18:00 <i>Daniel Kikola</i>

< Wed 22/06 **Thu 23/06** Fri 24/06 All days >

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Session legend

Dinner Physics and phenomenology X

09:00	ALICE-FT meeting 31/3-004 - IT Amphitheatre, CERN	09:00 - 09:30
	Coffee break 31/3-004 - IT Amphitheatre, CERN	09:30 - 10:00
10:00	Hadron production 31/3-004 - IT Amphitheatre, CERN	Sara Sellam 10:00 - 10:30
	Antiproton production from p-He collisions in LHCb 31/3-004 - IT Amphitheatre, CERN	Saverio Mariani 10:30 - 11:00
11:00	Antiproton production in ALICE 31/3-004 - IT Amphitheatre, CERN	Charlotte Van Hulse 11:00 - 11:30
	Open charm production in ALICE 31/3-004 - IT Amphitheatre, CERN	Md Rihan Haque 11:30 - 12:00
12:00	Lunch Break	

		31/3-004 - IT Amphitheatre, CERN
		12:00 - 14:00
14:00	Charm production in p-Ne collisions at LHCb 31/3-004 - IT Amphitheatre, CERN	Emilie Maurice 14:00 - 14:30
	Charm production in Pb-Ne collisions at LHCb 31/3-004 - IT Amphitheatre, CERN	Frederic Fleuret 14:30 - 15:00
15:00	The energy dependence of pT-integrated quarkonium cross sections 31/3-004 - IT Amphitheatre, CERN	Maxim Nefedov 15:00 - 15:30
	Coffee Break 31/3-004 - IT Amphitheatre, CERN	15:30 - 16:00
16:00	Direct measurement of electromagnetic dipole moments of strange baryons at LHCb 31/3-004 - IT Amphitheatre, CERN	Giorgia Tonani et al. 16:00 - 16:30
	Direct measurement of electromagnetic dipole moments of charm baryons at LHC 31/3-004 - IT Amphitheatre, CERN	Andrea Merli et al. 16:30 - 17:00
17:00	Double J/psi production 31/3-004 - IT Amphitheatre, CERN	Alice COLPANI SERRI 17:00 - 17:30

New room : 40/S2-B01

< Wed 22/06 Thu 23/06 **Fri 24/06** All days >

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Session legend

Hardware and Implementations

09:00	Status of the ALICE fixed target project <i>Laure Marie Massacrier</i> 40/S2-B01 - Salle Bohr, CERN 09:00 - 09:30
	Status of the SMOG2 fixed target system at LHCb <i>Edoardo Franzoso</i> 40/S2-B01 - Salle Bohr, CERN 09:30 - 10:00
10:00	The LHCspin project <i>Luciano Libero Pappalardo</i> 40/S2-B01 - Salle Bohr, CERN 10:00 - 10:30
	Coffee Break 40/S2-B01 - Salle Bohr, CERN 10:30 - 11:00
11:00	Gas Injection into LHC <i>Chiara Lucarelli</i> 40/S2-B01 - Salle Bohr, CERN 11:00 - 11:30
	Crystal implementation in IR2 <i>Marcin Patecki</i> 40/S2-B01 - Salle Bohr, CERN 11:30 - 12:00
12:00	Crystal studies at IR3 <i>Pascal Hermes et al.</i> 40/S2-B01 - Salle Bohr, CERN 12:00 - 12:30
	Implementation and performance of a Fixed Target System in STAR at RHIC <i>David Tlusty</i> 40/S2-B01 - Salle Bohr, CERN 12:30 - 13:00
13:00	

STRONG 2020 annual workshop and extension



COMING

STRONG-2020 ANNUAL MEETING

17, 18 and 19 October 2022, in Paris, France

Workshop on 17 October: Recent results and perspectives in hadron physics.

Plenary sessions on 18 and 19 October: presentations of the progress of Work Packages.

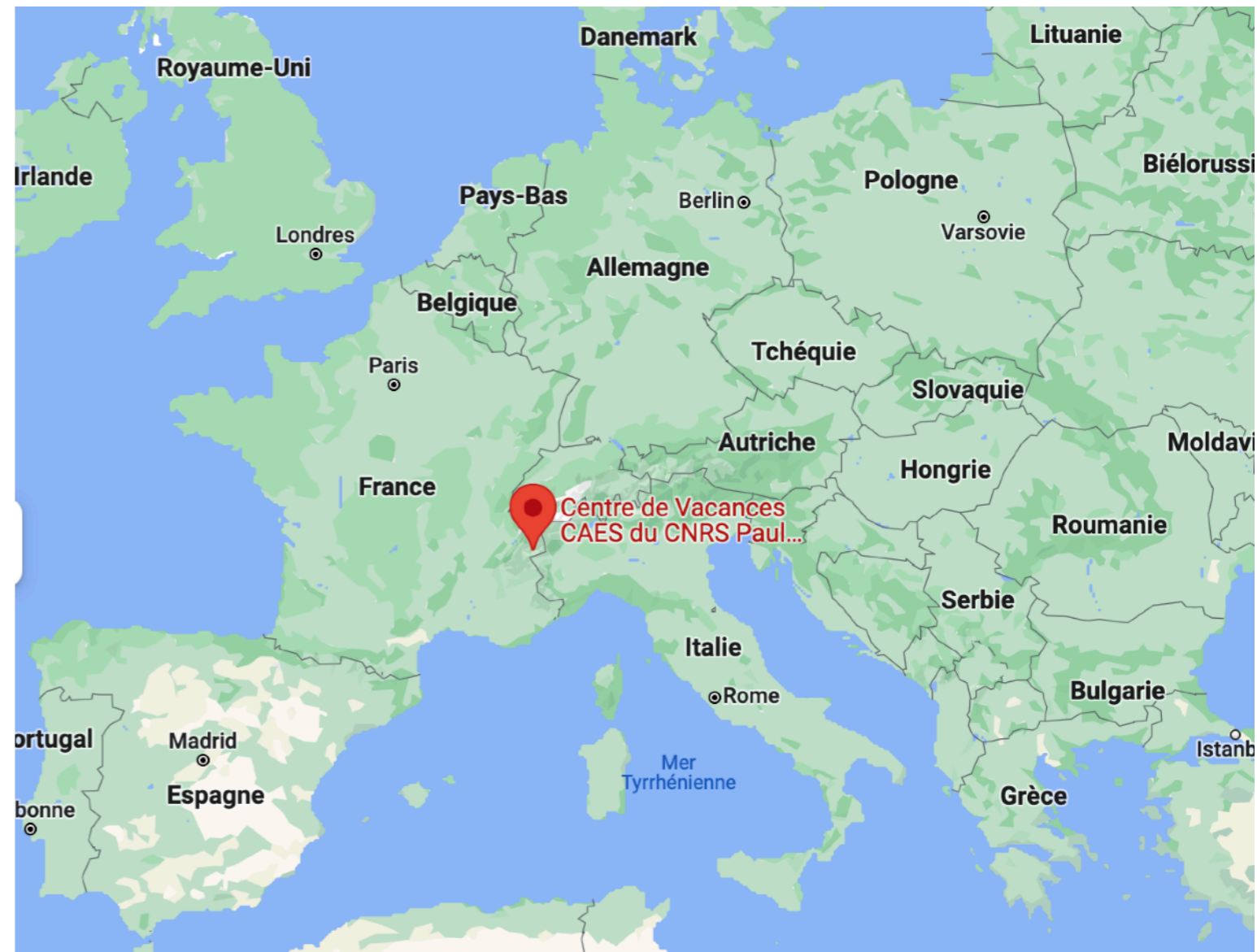
The program of the Workshop and the detailed agenda for the meeting will be provided soon

STRONG2020 project extension: until 30 November 2023

<http://www.strong-2020.eu>

FTE@LHC Workshop January 2023

Satellite workshop (January 5-7 2023)
before Quarkonia as Tools 2023 (January 8-14 2023)
Centre Paul Langevin, Aussois, France

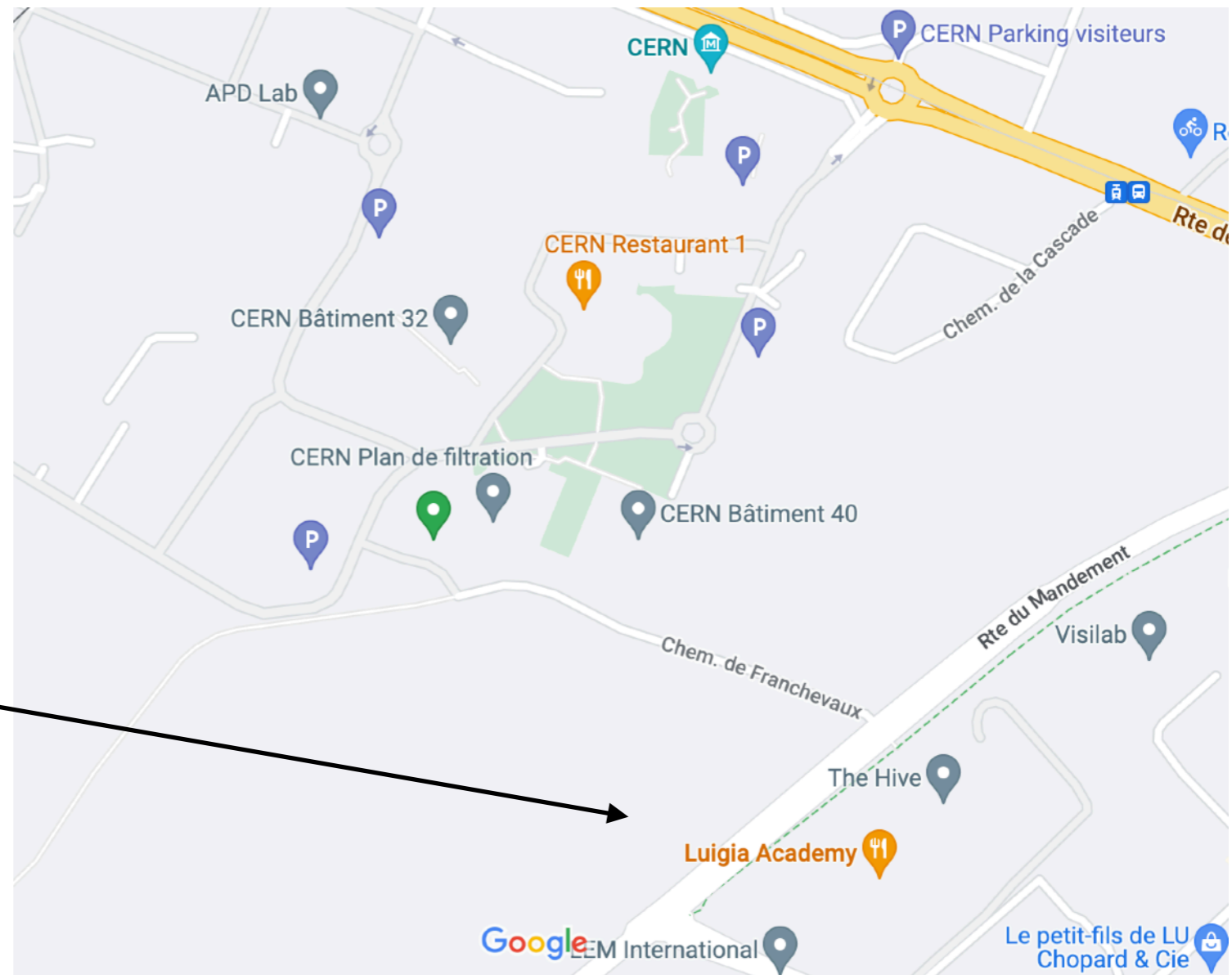


Restaurant Luigia on Thursday 23/06 at 7:30 pm

If you plan to join: check/modify your registration on indico

Luigia academy
The Hive, 1217 Meyrin
<https://www.luigiacademy.ch>

Luigia restaurant



Enjoy the workshop!