

Higgs Hunting

Results and prospects in the electroweak symmetry breaking sector

2023 September 11-13
Orsay-Paris, France



www.higgshunting.fr

13TH EW
HIGGS HUNTING



From Edouard Manet
Un bar aux Folies-Bergère
(1881-1882)

Prelude by the organisers

Welcome from the Local Organizing Committee

We are happy to welcome you back in Paris and Orsay for this 13th Higgs Hunting edition!



Organizing Committee

Nicolas Berger (LAPP-Annecy)
Gregorio Bernardi (APC-Paris)
Valérie Brouillard (IJCLab-Orsay)
Matteo Cacciari (LPTHE-Paris)
Reina Camacho Toro (LPNHE-Paris)
Marco Delmastro (LAPP-Annecy)
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Emilian Dudas (CPHT-Palaiseau)
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Jan Steggemann (ETH-Zurich)
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Poster

Luc Petizon (IJCLab)

Admin. support

Valérie Brouillard (IJCLab)
Émilie Bonnardel (IJCLab)
Vincent Jourdain (IJCLab)
Dominique Longérias (IJCLab)

Techn. support

Grégory Perrin (IJCLab)
Michael Roynet (LPNHE)

Meeting format

- **Workshop in hybrid format**, benefitting from both in-person discussions and inclusion of remote participants
- **Zoom link available on the agenda** <https://ijclab.zoom.us/j/94890955802>
Password sent privately to participants in handbook
Recordings available shortly after the workshop
- **Discussion format:**
 - Please keep **discussions as organized as possible: wait for the microphones!**
 - Priority given to questions on Zoom
 - Questions can be asked in advance on Mattermost (see next slide), will be brought up during the discussion when relevant
- **Speakers please post your slides by 18:00 the day before your talk** to allow interested participants to prepare for the discussion

Mattermost channels

- **All participants are strongly encouraged to post questions and comments on mattermost to foster interesting and useful exchanges!**
→ Ask early so that mattermost input can be included in the discussions
- **One channel per session**
- **Can be accessed from**
https://mattermost.web.cern.ch/signup_user_complete/?id=zqkfgnc7gfbbfcbef1i7ow8%20nky&md=link&sbr=su either with
 - CERN SSO login with CERN account
 - Creating a lightweight account very simply, by following <https://account.cern.ch/account/Externals/RegisterAccount.aspx> (please identify yourself when asking questions on the channels in that case)
- **More details available in handbook**

GENERAL

🌐 ATLAS-CMS Joker talks

🌐 Topical talks

🌐 General topics

🌐 Practical issues

🌐 Off-Topic

🌐 Town Square

MONDAY

🌐 Theory overview

🌐 General combinations (M...

🌐 Higgs Self Coupling

🌐 Higgs and Cosmology

🌐 Historical talk

TUESDAY

🌐 BSM and rare H(125) dec...

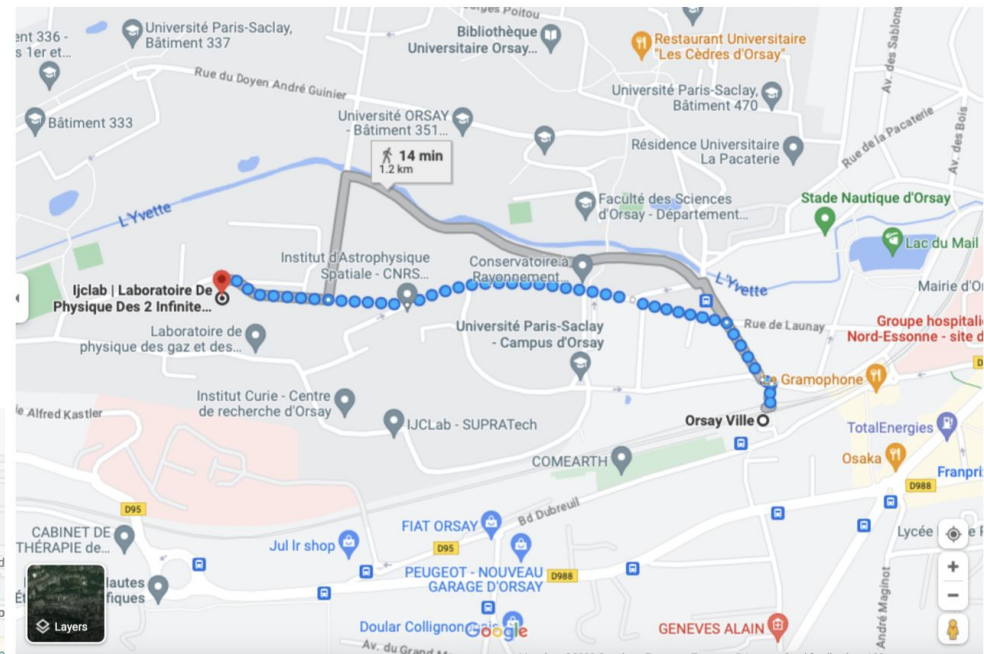
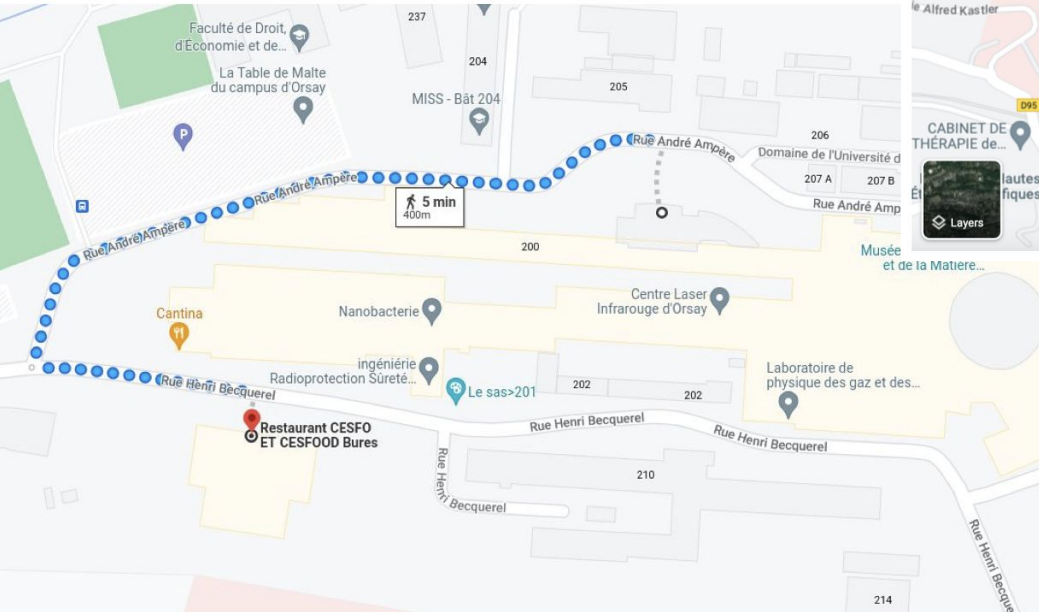
🌐 Vector Boson Scattering

🌐 Higgs Vacuum Metastabil...

🌐 Effective Field Theories

Practical information

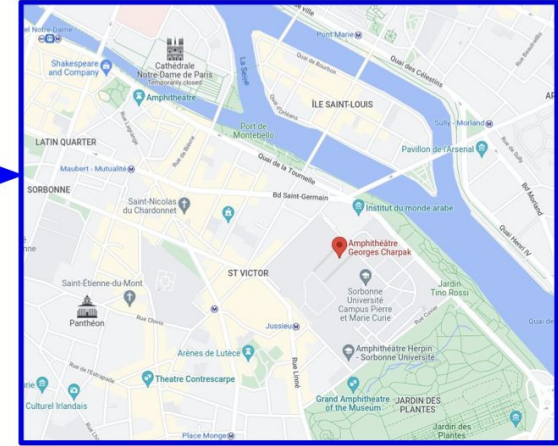
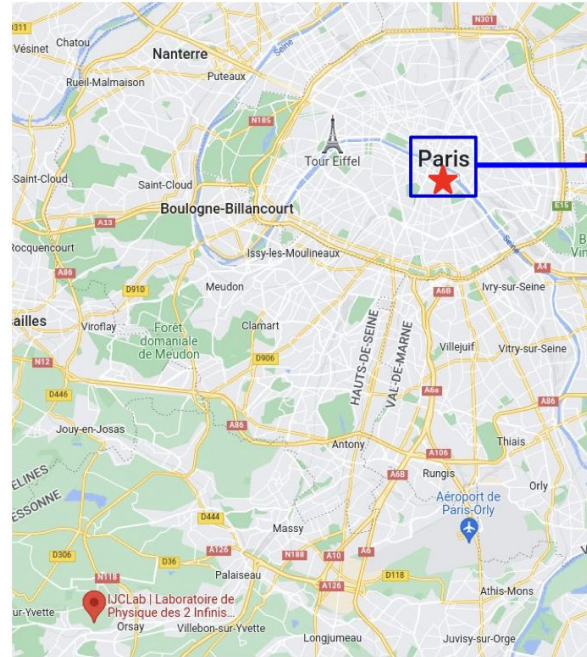
- **Workshop taking place in Orsay on Monday (RER stop Orsay-Ville)**



- **Coffee breaks and welcome drink served just outside the auditorium**
Lunch served at Bures cafeteria
5 min away

Practical information

- **Workshop taking place in Paris on Tuesday/Wednesday (subway stop Jussieu)**
- **Coffee breaks and lunch served just outside the auditorium**
- **Conference dinner on Tuesday evening in Tower Zamansky, in the center of the campus, in front of the entrance**



★ Amphithéâtre Georges Charpak
at LPNHE Paris

Help with practicalities

- Please don't hesitate to contact us for any issues or questions at any time during the workshop

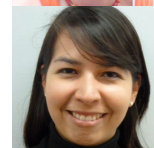


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anne-catherine.le.bihan@cern.ch



Thomas Strebler thomas.strebler@cern.ch



- For help related to the scientific program, talk uploads, etc. :

- For other practical issues:

In Orsay



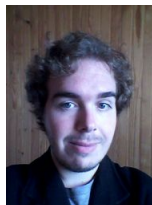
Valérie
BROUILLARD



Emilie
BONNARDEL



Grégory
PERRIN



Vincent
JOURDAIN

In Paris



Michael
ROYNEL

Enjoy the conference!

Higgs Hunting 2023 September 11-13 Orsay-Paris, France

Results and prospects in the electroweak symmetry breaking sector

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From Edouard Manet
 Un bar aux Folies-Bergère
 (1882)