

CNRS Helmholtz Dark Matter Lab (DMLab)



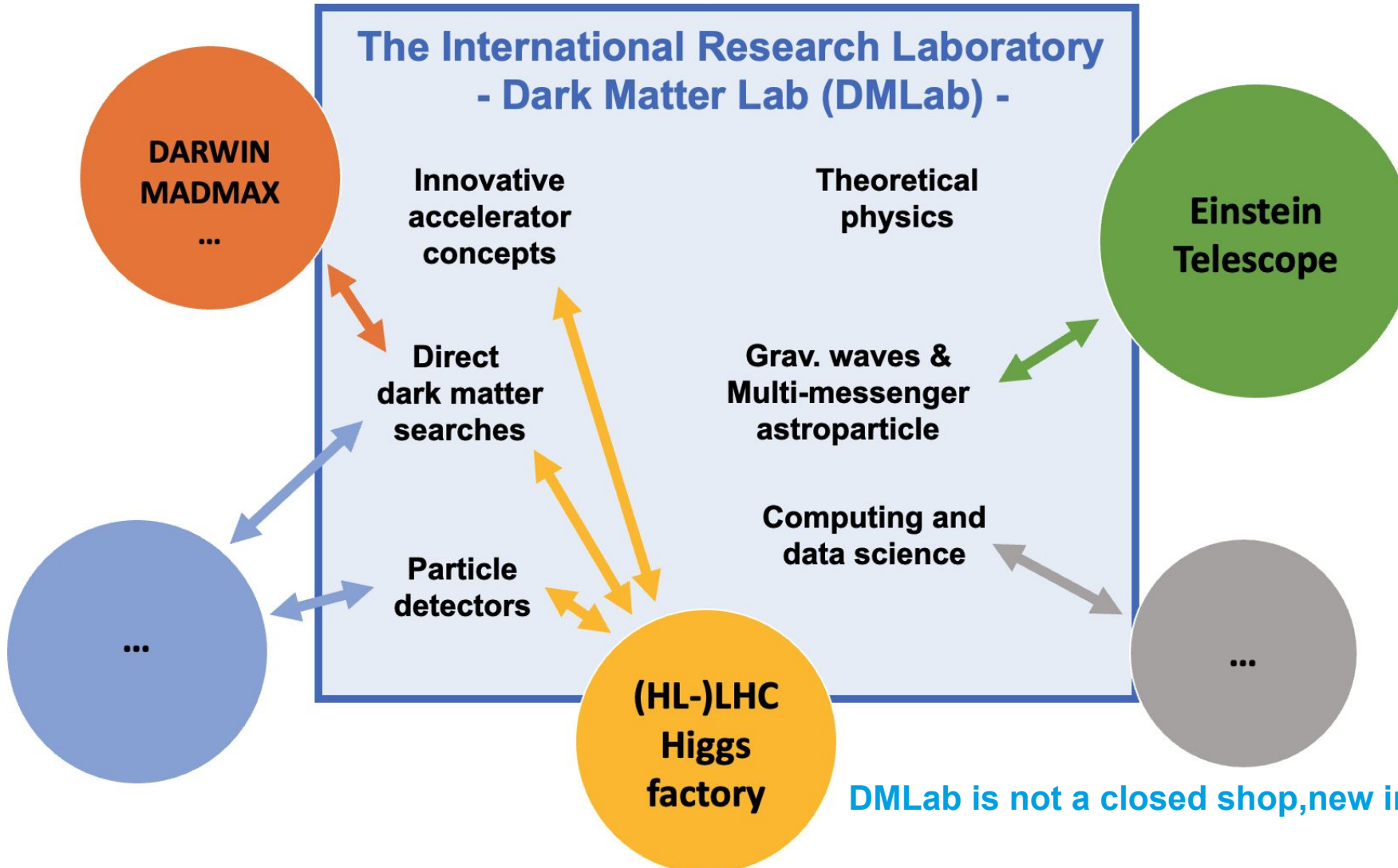
Thomas Schoerner (DESY) and Dirk Zerwas (DMLab)

4th Annual Meeting of DMLab
October 17-18, 2024



Scientific Topics of DMLab

Organized around the central theme of dark matter



IRL goal:

- develop new ideas
- across topic boundaries
- glued by dark matter

Charge to the lab:

1. **Personnel at DESY, KIT and GSI**
 - a. F: affectation
 - b. D: sabbatical
2. **Working visits** (typically 1-2 weeks) to DESY, KIT, GSI
3. **Workshops** broad and narrow
4. **Funding** acquisition
5. **Develop** French-German collaboration

DMLab is not a closed shop, new initiatives are always welcome!

News from the Steering Committee

Meeting on October 16, 2024

Original French Members:

- Reynald Pain/Berrie Giebels
- Patrice Verdier (chair)
- Vincent Poireau
- Laurent Vacavant

French Members:

- Christelle Roy
- Patrice Verdier (chair)
- Vincent Poireau
- Laurent Vacavant

Original German Members:

- DESY: Joachim Mnich
- GSI: Yvonne Leifels
- KIT: Johannes Bluemer
- External: Hans Stroeher (chair)

German Members:

- DESY: Beate Heinemann
- GSI: Yvonne Leifels
- KIT: Marc Weber (represented by Klaus Eitel)
- External: Klaus Desch

General comments:

- Emphasized the necessity of having real collaborations in particular benefitting junior researchers (PhD students, PostDocs, CRs etc)
- Investigate the availability of funds for German visits to France
- Exchange Program MPG-CNRS
- MMA and Gravitational Waves Projects
- Collaboration beyond CNRS and Helmholtz: CEA and Universities encouraged (under conditions....)

PR/Outreach:

- Dec 11: Visit of Berlin-based French-German journalist Coralie Lemke, journal ***Sciences et Avenir***. leading to an online article (behind a paywall)

PR/Outreach Embassy attaché visit:

- Attaché pour la Science et la Technologie (Hugo Zusslin + Orane Belguerras), Jihane Maalmi and Dominique Breton (IJCLab)
- the French flag was raised :)
- new attaché (Julie Le Gall): visit to DESY envisaged for 2025

2024 ANR-DFG: HALOX (Direct Searches) successful!

- Joint project of CPPM (300K, 1 PostDoc), UHH and DESY (475K, 2 PhD)
- Congratulations!

2025 and 2026 ANR-DFG:

- Deadline of pre-registration was Tuesday
- Brainstorm about the 2026 edition during the meeting



Publications: Request for Help

Usual Reminder

DMLab support played a significant role:

- consider an additional affiliation among the different possibilities: [Publication Addresses](#)

DMLab support played a role:

- consider DMLab for mention in the acknowledgement section

[inspirehep.net](#):

- picks up the canonical addresses automatically

DMLab: Information and Thank You

Infrastructure

- Open mailing list: dmlab-general@desy.de (all interested people)
- Web page:
 - <http://dmlab.in2p3.fr>
- Procope 24+:
 - Meeting supported by the French Embassy in Berlin and DAAD in Germany



*Liberté
Égalité
Fraternité*



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



- We are grateful to Marco Zito and the LPNHE for hosting us
- Special Thanks to Luca and Marjorie for the hard work!

We wish us a fruitful meeting!