



Erika Garutti, Géraldine Servant, Timo Weigand

## News from the Spokes

QU Day, 20 February 2025

## 3-days of successful QURS lectures

4 scientific blocks

18 lectures

5 key skill lectures

1 pub quiz

> 120 registered participants

## 3-days of successful QURS lectures

4 scientific blocks  
18 lectures  
5 key skill lectures  
1 pub quiz  
> 120 registered participants

**Many thanks to**

... all lecturers

... the councils

... the QU office

Special thanks to



Gudrun and Jennifer

Special thanks to



Nafiseh and Dieter

## Quantum Universe: 01.01.2019 – 31.12.2025

Quantum Universe – II application pending: 01.01.2026 – 31.12.2032

DFG decision: 22.05.2025

- We need to close the finances of QU this year
- We want to attract new people to our field from next year
- We need to celebrate

# PhD extensions for contracts ending within 2025

- Doctoral researchers with a QU contract at the UHH can apply for max 6 months extension IF
  - the 3 reports of the Advisory Panel (supervisor, co-supervisor and mentor) have been provided
  - clear reasons for a delay w.r.t. original plan are identified (latest in the 3rd mentoring meeting)
  - a realistic plan for the completion of the thesis within the extension is approved by the Advisory Panel
- Extension applications come from the Advisory Panel using the [UHH form](#) and are sent to the [QU office](#)

## Personal travel budget plan till **31.05.2025**

- Researchers with a QU contract at the UHH should send their travel requests on QU budget till latest the 31.05.2025
- All personal budgets will be frozen on that date
- Remaining funds will be redistributed with an open call for travels for QU members
- All travel reimbursements at UHH must be filed before **30.11.2025**
- **Later requests cannot be reimbursed**

# Cluster retreat

- To **celebrate** 7 successful years of Cluster of Excellence we are planning a retreat on **Helgoland** in the second half of **Sept.**
- Highlight: cultural path of the island and Heisenberg memory stone
- Please indicate till Monday your (non-committing) interest to join for 1 day or 2 days, also in case of 2-bed rooms sharing

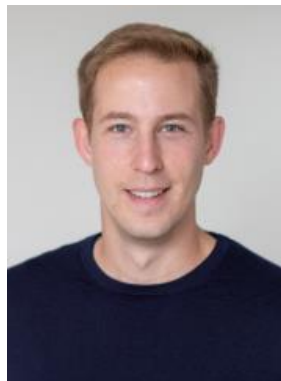
<https://terminplaner4.dfn.de/Rqv65eSrcRNn66mA>



## New Key Researchers

- Shubham Dwivedi  
*Analysis and Differential Geometry*
- Mathias Pierre  
*Dark matter and cosmology*
- Marc Wenskat  
*Accelerator physics, superconducting RF cavities*

plenary talks this  
afternoon!





## Recent QURS and CHAMPP alumni (December–February)

- Sebastian Bieringer
- Yasser Radkhorrani
- Marcel Hohmann
- Daniel Hartwig
- Thomas Stempfhuber
- Erik Buhmann
- Chun Cheng
- Manuel Sommerhalder
- Hanno Bertle
- Rahul Cecil



**Congratulations !!!**

If you know a former PhD student who recently completed their dissertation and is not listed above, please [contact](#) the Quantum Universe office and let them know.

## Awards

- **Roman Kogler**  
Fulbright-Cottrell Award 2024  
for excellence in research and teaching
- **Mikhail Korobko**  
Rudolf-Kaiser-Preis 2024

Congratulations !!!



# Upcoming diversity events



GIRLS DAY 3.4.2025 "von der Rakete zum Nanomotor"

- 3 April, Girl's Day on Campus:



Wie fühlt sich ein "Rückstoß" an?



Aufbau von Luft-getriebenen Modell Raketen



Universität Hamburg  
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Fachbereich Physik

**EXZELLENZCLUSTER**  
CUI: ADVANCED  
IMAGING OF MATTER

**EXZELLENZCLUSTER**  
QUANTUM UNIVERSE

(mit Beteiligung von: Fachbereich Chemie, MIN-Fakultät, Fraunhofer IAP-CAP, EMBL)



Want to have fun?  
volunteer to help at  
the office desk  
outside !



Organized by W. Parak

## Mental Health Workshop with Emma Geoffrey



- **Workshop:** "How to be a Happy and Kind Researcher – Mental Health Tactics for Academics"
- **Date:** 27<sup>th</sup> February 2025, 9:00 – 12:00h, followed by networking exchange
- **Location:** Building 69, IQP, seminar room 052
- **Please register via [indico](#) or contact Henriette**



## Recent conferences and events co-organized by QU

Strategy workshop “The future of collider Physics”



Einstein Telescope  
Germany Annual Meeting



Ed Witten String  
Theory Masterclasses

## QU long-term visitors

- Saskia Demulder (host: Elli Pomoni)
- Bastián Díaz Sáez (host: Jayita Lahiri)
- Konstantinos Zoubos (hosts: Elli Pomoni and Volker Schomerus)
- Sven Heinemeyer (host: Georg Weiglein)
- Permanent call and full list of visitors (+ joint publications):  
<https://www.qu.uni-hamburg.de/research/visitors.html>

# Workshops and Conferences

- in Hamburg, supported by QU
  - [Hamburg VISTA - Virtual Initiative for Science & Technology in AI](#), 27 February 2025
  - [CMS JetMET Workshop](#), 5–7 March 2025
  - [Computer Algebra and Particle Physics](#), 24–28 March 2025
  - [Opening Conference of the CRC 1624](#), 31 March – 2 April 2025
  - [IMCC and MuCol annual meeting 2025](#), 12–16 May 2025
  - [WPC Theoretical Physics Symposium 2025](#), 14–16 May 2025
  - [Hamburg International Summer School – Particles, Strings and Cosmology 2025](#), 14–25 July 2025
  - [23rd International Workshop on Advanced Computing and Analysis Techniques in Physics Research](#), 8–12 September 2025

# Today's agenda

Learn about Open Access publishing at UHH and DESY.

Enjoy the poster walk & lunch and vote for the best poster!

Get a hands-on introduction to the UHH research information system (FIS).

	<b>Welcome Coffee</b>	
	<i>Foyer, Campus Bahrenfeld, CFEL (bldg. 99)</i>	09:30 - 10:00
10:00	<b>News and Announcements</b>	<i>Erika Garutti</i>
	<i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	10:00 - 10:15
	<b>Open Access publishing at UHH</b>	<i>Claudius Herkt-Januschek</i>
	<i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	10:15 - 10:30
	<b>Open Access publishing at DESY</b>	<i>Lisa-Marie Stein</i>
	<i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	10:30 - 10:45
	<b>Discussion on Open Access in Quantum Universe</b>	<i>Dr Michael Grefe</i>
	<i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	10:45 - 11:00
11:00	<b>Poster session: Poster pitches</b>	
	<i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	
	11:00 - 12:00	
12:00	<b>Poster session: Poster walk &amp; lunch</b>	<b>UHH research information system (FIS) helpdesk</b>
		<i>Dr Lisa Brase, Dr Michael Grefe</i>
13:00		
14:00		
	<i>Foyer, Campus Bahrenfeld, CFEL (bldg. 99)</i>	12:00 - 14:30
		<i>Foyer, Campus Bahrenfeld, CFEL (bldg. 99)</i> 12:00 - 14:30



# Today's agenda

Learn about the research of  
QU key researchers.

Celebrate the best poster and  
best paper award winners  
and enjoy the social dinner!

	<b>On the quest for high performing SRF cavities</b> <i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	<i>Marc Wenskat</i> 14:30 - 15:00
15:00	<b>Tracking the Rise of Supermassive Black Holes</b> <i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	<i>Dr Jan-Torge Schindler</i> 15:00 - 15:30
	<b>Coffee Break</b> <i>Foyer, Campus Bahrenfeld, CFEL (bldg. 99)</i>	15:30 - 16:00
16:00	<b>TBA</b> <i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	<i>Mathias Pierre</i> 16:00 - 16:30
	<b>Flows of Spin(7)-structures</b> <i>Seminar Rooms I-III, Campus Bahrenfeld, CFEL (bldg. 99)</i>	<i>Prof. Shubham Dwivedi</i> 16:30 - 17:00
17:00	<b>Walk over to DESY Canteen Extension</b> <i>Foyer, Campus Bahrenfeld, CFEL (bldg. 99)</i>	17:00 - 17:30
	<b>Best Poster and Best Paper Award Ceremony</b> <i>Canteen Extension, bldg. 5, Campus Bahrenfeld</i>	17:30 - 18:30
18:00		
	<b>Dinner buffet</b> <i>Canteen Extension, bldg. 5, Campus Bahrenfeld</i>	18:30 - 20:00
19:00		
20:00		