



Eine Partnerschaft der
Universität Hamburg und DESY

Report from the WPC Coordination Office

Information Event of the Wolfgang Pauli Centre for Theoretical Physics

31st May 2023

Nafiseh Sajjadi, Jan-Hendrik Arling



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG



The WPC Coordination Office

Tasks of the WPC coordination office:

- Coordination of the members
- Internal and external communication (mailing lists, website)
- Organization of scientific events (seminars, lectures, symposia)
- Management of the infrastructure (WPC building)



Nafiseh Sajjadi



**Dr. Jan-Hendrik
Arling**

**In case of any issue / request / idea,
please contact us via wpc-coordination@desy.de**

Activity: WPC mailing lists

- Created two new mailing lists for the WPC community:
 - 1) wpc-mailinglist@desy.de : general mailing list containing the institutes / group mailing list for distribution of general news and announcements from the WPC
 - 2) wpc-faculty@desy.de : mailing list addressing the WPC PIs (=all professors, leading scientists and staff members)
- One more mailing list planned: wpc-members@desy.de for addressing all individual WPC members and associates -> will be done in connection with the new WPC membership portal (see later)

Please let us know, if we are missing groups in our mailing lists!

Activity: WPC Indico event calender

- Created space within DESY Indico system for WPC organized and related events
- Organized in three categories
 - 1) Plenary assembly
 - 2) Seminars / Colloquia
 - 3) Workshops / Symposia
- Possibility to announce seminars and events organized by the involved institutes/ groups with relevance for WPC
 - Added: zoq-m (SFB seminar), I. ITP (colloquium on solid state theory), CUI/AIM (photon science colloquium), colloquium of ZMP
 - Follow soon: MPSD, department of chemistry
- Managed by WPC Coordination Office together with person in charge from institutes/groups

[Wolfgang Pauli Centre · DESY-Konferenzverwaltung \(Indico\)](#)

The screenshot shows the Indico website interface for the Wolfgang Pauli Centre. The top navigation bar includes 'Home', 'Create event', and 'My profile'. Below this, a breadcrumb trail reads 'Home » Miscellaneous categories and events » Wolfgang Pauli Centre'. The main header area displays 'Wolfgang Pauli Centre' in orange text, a search bar with the placeholder 'Enter your search term', and a 'Create event' button. A table below lists the event categories and their counts:

Plenary assembly	1 event	➡
Seminars / Colloquia	16 events	➡
Workshops / Symposia	6 events	➡

**Please get in contact if there are more
regular seminars or special events
with WPC relevance!**

Activity: WPC website

- Control over WPC website (wpc-hh.de) was taken over by the Coordination Office
- Restructuring and updating of provided information
- Linking of Indico event calendar for upcoming seminars (10 days in advance) and upcoming events (90 days in advance)
- Adding now regularly relevant information on WPC related news, updates on research or upcoming events/conferences

Please provide us with information for keeping the website up-to-date!

WOLFGANG PAULI CENTRE

A COMPETENCE FIELD OF PIER

HOME

ABOUT WPC

RESEARCH

EVENTS

CONTACT



HAMBURG PRIZE FOR THEORETICAL PHYSICS

In 2022, Prof. Nicola Spaldin has been selected for the Hamburg Prize for Theoretical Physics [more](#)



The Wolfgang Pauli Centre (WPC) for Theoretical Physics represents all activities in theoretical physics within the "Partnership for Innovation, Education and Research" (PIER) between [Universität Hamburg](#) and [DESY](#).

The WPC pursues and promotes interdisciplinary research to address the fundamental challenges in our understanding of matter, materials and the universe under one organisational roof.



UPCOMING SEMINARS

📅 Today - 13:30

[SFB Seminar: tba](#)

Speaker: Yvonne Gao (NUS)

Location: Hamburg

Room: ZOQ seminar room, with a hybrid option

📅 02 Jun. 2023 - 14:00

[CMOS microelectronics for subcellular-resolution electrophysiology](#)

Speaker: Andreas Hierlemann

Location: CFEL

📅 09 Jun. 2023 - 14:00

Speaker: Daniela Rupp

Location: CFEL

UPCOMING EVENTS

📅 Today - 16:00

[WPC Information Event: vision, status & next steps](#)

Speaker: Jan-Hendrik Arling (DESY) ;

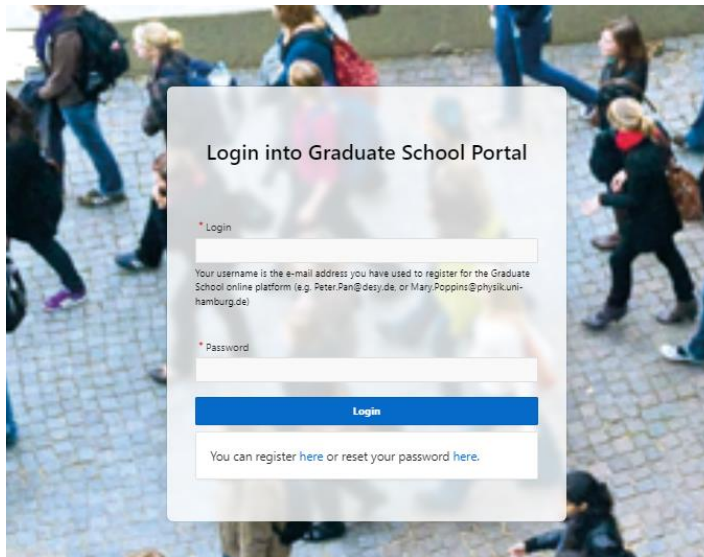
Nafiseh Sadat Sajjadi (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)) et al.

Location: DESY & Zoom

Room: Building 1b, SR 4a/b

Activity: WPC membership portal

- Goal: platform to administrate WPC membership (personal information, institute, position, research interest)
- Similar effort with a database was done before (registration form linked to website) -> relaunch of this effort now started
- Development plan (to be finished by summer'23):
 - copy platform developed for PIER Graduate School (offers login function and change of information by user)
 - modify for WPC needs (e.g. customize registration form, visualization of members by filters)
 - add functionality to upload documents (which can be shared with sub-groups)



Title
☐ Prof.Dr. ☐ Doktor

Firstname Lastname

Institution Institution (optional, only if you have more than one appointment)

E-mail

Homepage?

Scientific pillar
☐ New phases and phase transitions ☐ Nonequilibrium physics ☐ Simulation and numerical techniques ☐ Analytical methods ☐ Fabric of spacetime and matter

Status *
☐ PhD Student ☐ Postdoc ☐ Faculty (tenure, tenure track, YIG leader)

Research interest keywords (80 signs)

I want to be added to the relevant WPC mailing list(s)
☐

* Notice of EU-DSGVO EU Data Privacy Policy
☐ The storage of your personal data obeys the principles of the EU Data Privacy Policy.

* Agree
☐ I agree that the data I entered above (without e-mail) can be posted on the WPC webpage as a profile, my photo included if uploaded, which is visible worldwide. For revocation please contact wpc-coordination@desy.de

Document
Drag and Drop
Select a file or drop one here.

Type of document
☐ CV ☐ Research interest ☒ photo

[Reset Page](#) [Register](#)

Activity: WPC logo

- Process of creating a new representative logo for the WPC has been started in January 2023
- Provided input about the WPC mission, the concept of an interdisciplinary center embedded within PIER, with the partners UHH and DESY and providing references to other worldwide centers
- Evaluation of first round of drafts with the professional designer has just been concluded after selected feedback from WPC faculty members
- Participation of final design choice within WPC expected in the next months

WOLFGANG PAULI CENTRE

A COMPETENCE FIELD OF PIER



Activity: WPC spokesperson election

- In March, we conducted the election process for the new WPC spokespersons
- According to the signed agreement between the partners, the spokespersons
 - are suggested by the WPC PIs,
 - should consist of one representative from DESY and one for the UHH
 - will be endorsed by the PIER commission
- Due to the transition phase it was suggested to not have an open call for nomination, but instead two of the current WPC speakers were volunteering for election -> as we heard no complaints, this was agreed
- As such, a formal voting among the WPC PIs (addressed via the dedicated mailing list) was initiated to state “yes”, “no” or “abstention” for the team of Volker Schomerus (DESY) and Michael Thorwart (I. IPT) as new spokespersons
- From 7th till 20th March, we received 48 of the 84 eligible votes, with 42 yes, 2 no and 4 abstentions
- Therefore, the team Schomerus & Thorwart were suggested as new WPC spokespersons to the PIER commission (process ongoing)

Activity: WPC building

- Publication of WPC White Paper (2020)
 - Initial idea of a new building offering 4000sqm office and meeting space
 - also part of the WPC contract between UHH and DESY

§ 7 Standort

Das DESY wird auf dem DESY Campus in Hamburg Bahrenfeld das WPC errichten und der UHH zur gemeinsamen Nutzung überlassen. Die Vertragspartner werden gemeinsam die Spezifikationen für das zu errichtende WPC-Gebäude festlegen. Die genauen Einzelheiten über die Bedingungen der Nutzung des Gebäudes legen die Vertragspartner in einem noch zu spezifizierenden Nutzungsvertrag (siehe §10 a)) fest.



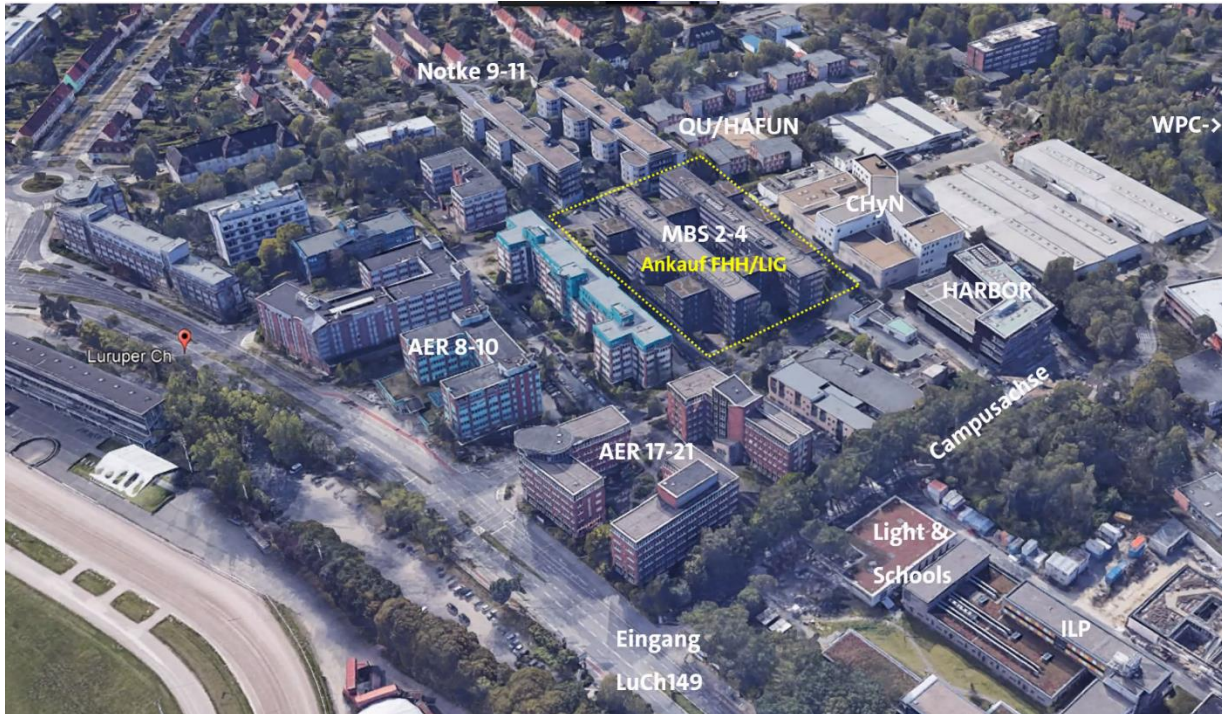
Nutzung	NF in m² Stand 25.01.2022	NF in m² Stand 09.09.2021	gewünschte NF in m² (WPC Strategy Paper)
1	2	3	4
Gemeinschaftsflächen			
Atrium/ Foyer/ Cafelounge / Veranstaltungsfläche	150	350	400
Auditorium	0	0	200
Cafeteria	0	0	100
(Dach-)Terrasse (je nach Architektenentwurf)	0	0	0
Besprechungs- / Seminarräume	220	220	250
Co-working space: discussion corners / Sozialräume (Teeküche teilweise integriert)	88	144	150
Skype rooms	6*Skype rooms	12*Skype rooms + 2 im Foyer	8*discussion corners 3*Skype rooms
Open student area (eher 1 OG)	100	100	200
Visitor Centre (eher 1 OG)	0	180	280
Sabbaticals (eher 1 OG)	0	80	100
Research Hotel (eher 1 OG)	0	270	400
Zwischensumme Gemeinschaftsfl.	585	1.371	2.107
zwischensumme Nutzfläche Versorgung	121	121	
Nutzer: Universität Hamburg	594	594	750
Bereich: Büro	484	484	
Bereich: Labor / Werkstatt - Büros computerbezogen	110	110	
Nutzer: DESY	965	965	1050
Nutzer: Office Space - Partners	52 + 27 Koordinator	52 + 27 Koordinator	145 INKL. Koordinator
Gesamtsumme	2.317,0	3.103,0	4.052,0

Activity: WPC building

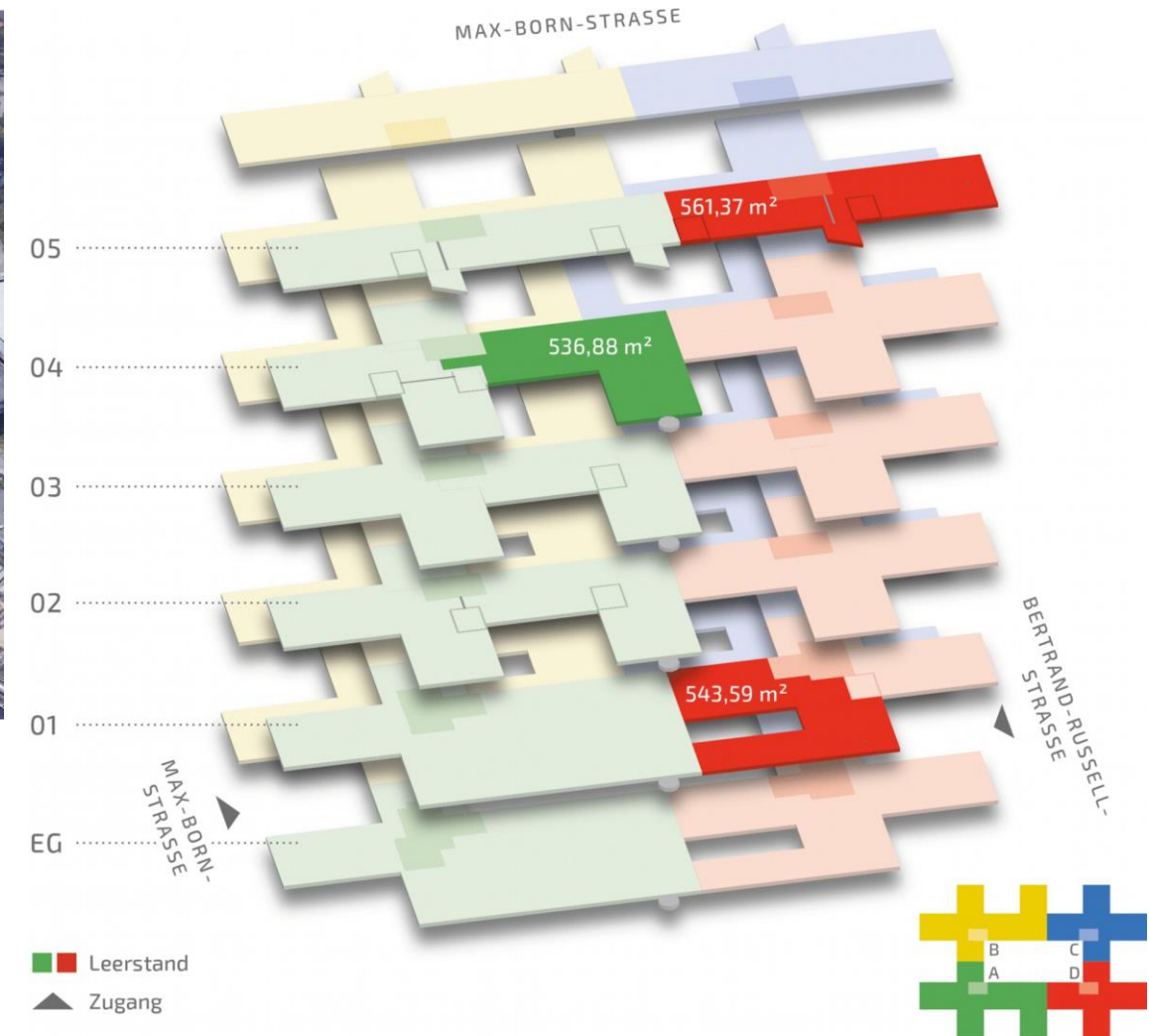
- From then on, the plans for the new WPC building have changed over the last time rapidly – a time line:
 - September 2021: first round of decrease in space, now 3100sqm
 - January 2022: second round of decrease in space, now 2300sqm
 - February 2022: WPC agreement signed by DESY and UHH
 - July 2022: official Raumbedarfsplan submitted to RZBau
 - October 2022: planning for a new building with DESY BAU in full swing
 - November 2022: due to price increases, DESY DIR put WPC on hold for re-evaluation
 - December 2022: a new opportunity for the WPC – the existing Doppel-H building
 - End of 2022: LIG from HH finally buys the Doppel-H building from the prior owner



Activity: WPC building



- Lichtdurchflutete Büroflächen
- Hochwertige Ausstattung
- Großzügige Dachterrassen
- Hohlraumboden für flexible Verkabelung
- Neuer Bodenbelag
- Akustikdecken
- Kühldecken mit Schallschutz
- Außen liegender Sonnenschutz
- Individuelles Beleuchtungskonzept
- Flexible Raumaufteilung möglich
- Kantine und Deli Coffee im Objekt

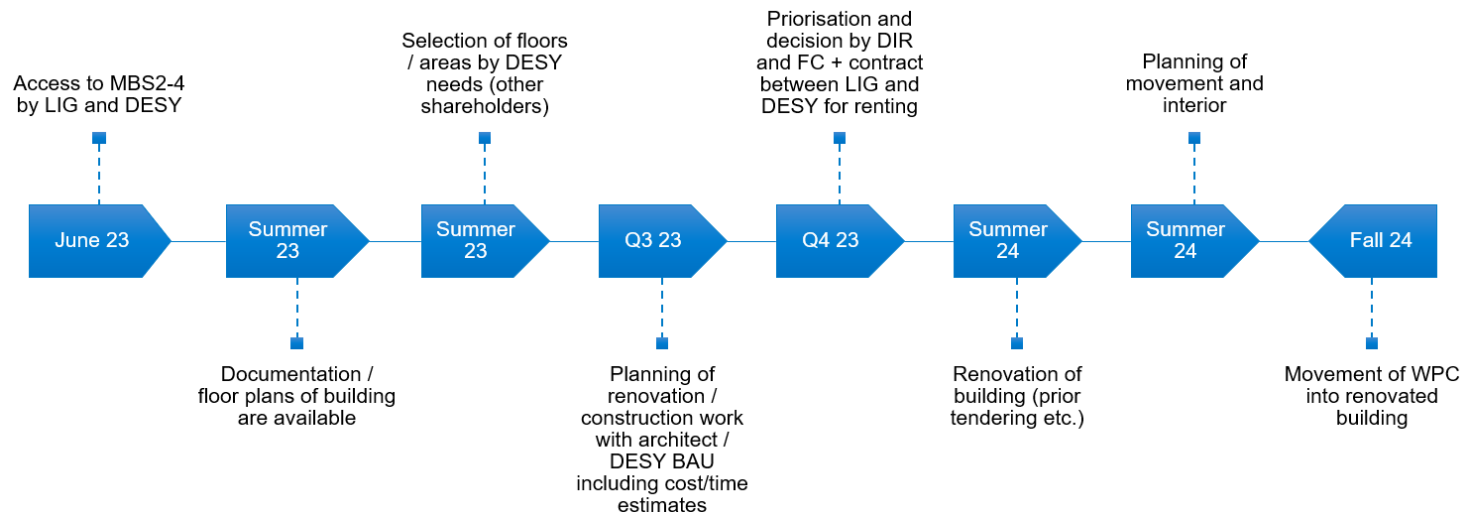


Activity: WPC building

- Doppel-H building plays a big role in the further development of the DESY campus
 - Focus of directorate and campus development as office space urgently needed
 - WPC is the key player in the building and will get highest priority in the planning and realization
- Pros and Cons:
 - + existing, modern building in close vicinity to DESY campus (part of Science City Bahrenfeld)
 - + risks of constructing a new building can be mitigated, potentially faster realization (after renovation)
 - + allows us to go back to the initial WPC concept in terms of space and functionality
 - compromises have to be expected as still within a constrained budget for renovation/construction work
 - different location of building could hinder exchange with experiment (countermeasures in planning)
 - process not completely in our hands as many players (internal & external) involved

Activity: WPC building

- As mentioned, process of planning and realization of WPC within the Doppel-H building just started
 - several players on campus involved in the development (CD, BAU, V)
 - contracts for “renting” the building as DESY from LIG as its owner need to be made
 - decisions and budget planning are made by DIR and campus development
 - renovation/construction in the building is a large scale project (e.g. tendering)
- Role of the WPC in the process
 - strengthen the WPC concept with its key elements (meeting/lecture hall, communication space, visitor center, research hostel) and its needs
 - be part of the process and provide input at the right timing



Summary & outlook

- Several activities – ranging from communication channels to the infrastructure planning - were started by the WPC Coordination Office in its first half year after creation.
- Some of these activities are already finalized, some require permanent updates and others are in full swing of development and realization.

**Please provide us with information, feedback, ideas and/or wishes,
so that we can represent you as WPC as best as possible!**

- More activities and scientific events coming up to fill the WPC with life.

We are looking forward to work with you together on this!