

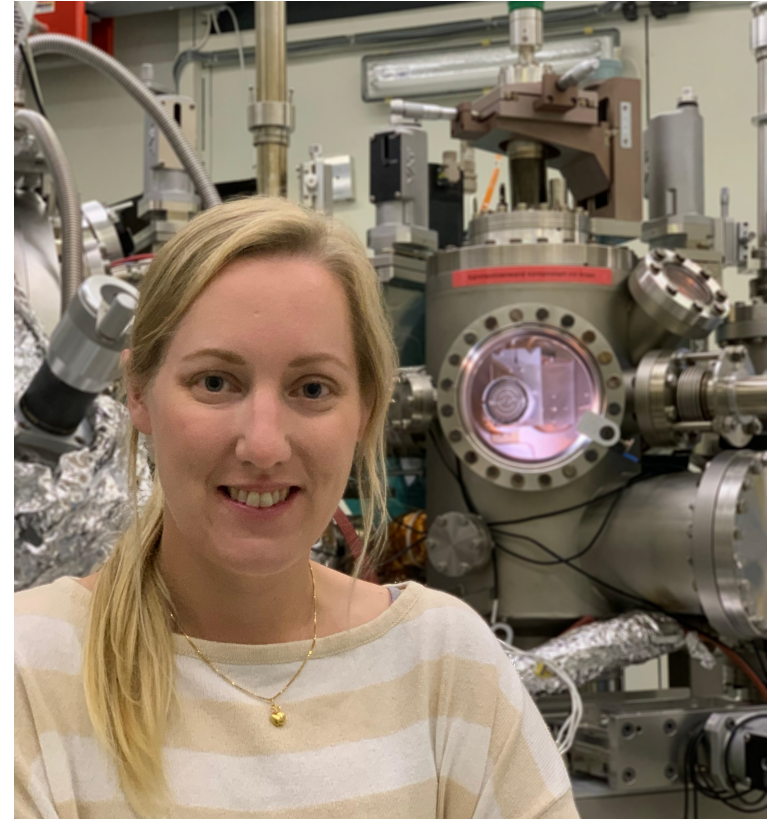
Physik-Institut: General Assembly Meeting

1. New Personnel
2. Congratulations
3. In Memoriam
4. Decision-making structure of the institute
5. New Institute Directorate 2025 - 2029
6. Strategic planning of the institute
7. UZH: Real Estate Strategy
8. Status Laboratory Space
9. UZH: Health & Safety
10. Outreach
11. Varia

New Professor – Johanna Nordlander

New professor starting 1st October

Quantum Matter by Design: Oxide Materials



Welcome: Ambizione & Senior Scientists

Christian Tzschaschel, Senior Scientist



Attila Szabo, Ambizione group Neupert



Simone Zoia, Ambizione group Gehrman

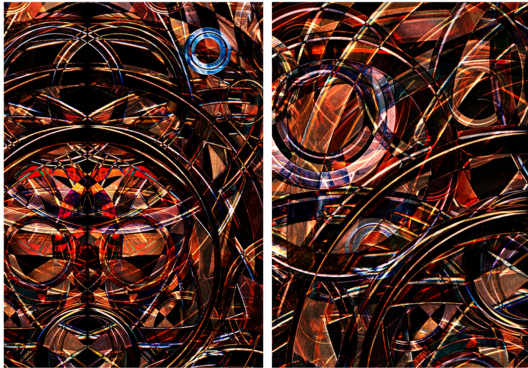


Guest professor Gina Gibson

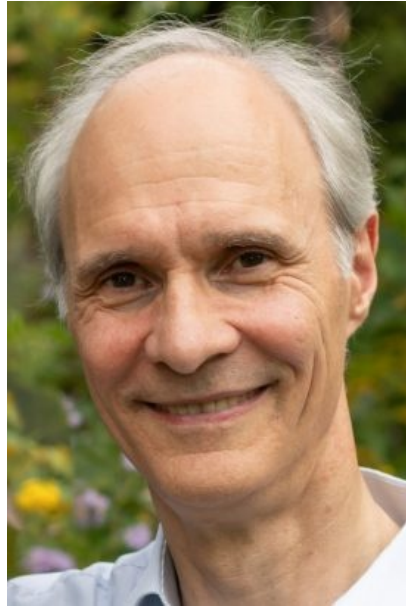
Professor of Graphic Design
Black Hills State University

Gina Gibson was here in summer to prepare the
exhibition U_{ZH}N/EARTH in the Science Pavilion UZH

Arts & Science 1600 m below ground



Wolfgang Lorenzon



Guest Professor (University of Michigan) in Penning's group

Electronics Workshop



Valentin Braschler

Apprentice

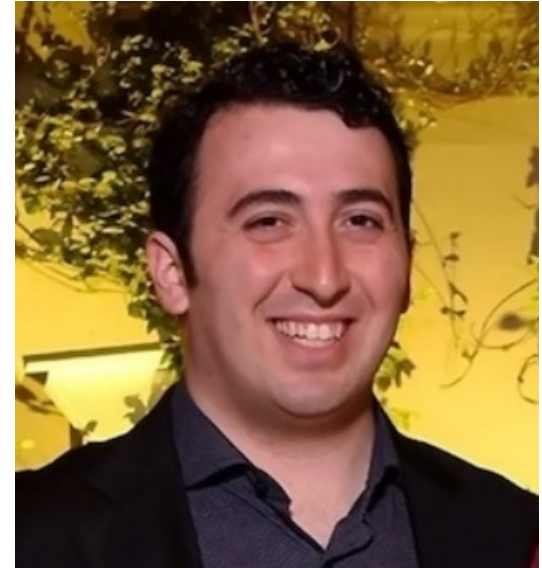
Group Soares-Santos



Simran Kaur
Guest PhD



Davide Sanchez Kid
Postdoc



Alexander Kavner
Postdoc
Group Soares/Penning

Group Penning



Harvey Birch
PhD



Erin Barillier
PhD



Rebecca Hampp
PhD

Group Penning



Nicolas Angelides
Postdoc



Knut Dudas Moraa
Senior Scientist



Leslie Juigne
PhD

New members, group Neupert



Dan Mao
Postdoc



Brandon Markwalder
Technician



Hao Chen
PhD



Simon Hans Hille
PhD

Group Chang



Wojciech Pudelko
Postdoc



Lorenzo Paschetto
Guest Student

Groups Baudis & Grazzini



Florian Jörg
Postdoc
Baudis



Fazila Ahmadova
PhD
Grazzini



Xiang Chen
Postdoc
Grazzini

Groups Kilminster / Canelli



Barbora Bruant Gulejova
Assistent
Kilminster



Krzysztof Stachon
Ingenieur
Kilminster



Marc-Olivier Bettler
Senior Scientist
Canelli

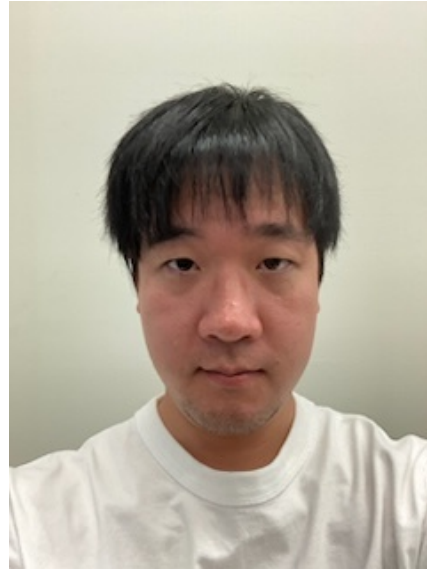
Group Isidori



Davide Racco
Postdoc



Christiane Mayer
PhD



Sohei Okawa
acad. Guest

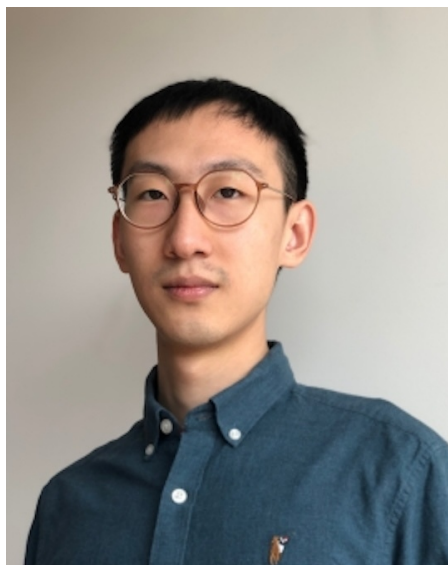


Ryutaro Matsudo
acad. Guest

Groups Gehrman, Natterer, Jetzer



Peter Meinzing
Postdoc
Gehrman



Lebin Yu
PhD
Natterer



Michael Ebersold
Postdoc
Jetzer

Group Serra



Olivie Jullian Parra
PhD



Sara Zoccheddu
PhD



Christoph Ribbe
PhD

Short term assistants



Sophie Rüdiger



Nico Aegerter



Fabian Hotz



Orion Gerguri

Congratulations

Thomas Greber

2024 JVSS MBA Award

JVSS: Japan Society of Vacuum
and Surface Science
Division of Microbeam Analysis



General Institute Assembly 10/12/2024

Congratulations

Maryna Mesiura

2024 Soluyanov Prize
for the best theoretical master thesis

„On the combinations of triangles,
memories and gyroscopes“
in the group of Philippe Jetzer



Congratulations

Brigitte Decrausaz

2024 Dectris Prize
for the best experimental master thesis

„Magnons in the Multiferroic Ni_3TeO_6 “
in the group of Johan Chang



In Memoriam Günther Rasche

Günther Rasche (5 May 1934 – 14 July 2024)

1958 – 1961 PhD under Walter Heitler
Statistical model of the meson theory

1968 – 2001 Professor for Theoretical Physics

1981 – 2001 Head of the Institute for Theoretical Physics

1992 – 1994 Dean of the faculty

Research interests:

- nuclear and medium energy physics
- precision calculations for meson-nucleon interactions
- electromagnetic corrections to super-allowed beta decays
- history of science



In Memoriam Wolfgang Jaus

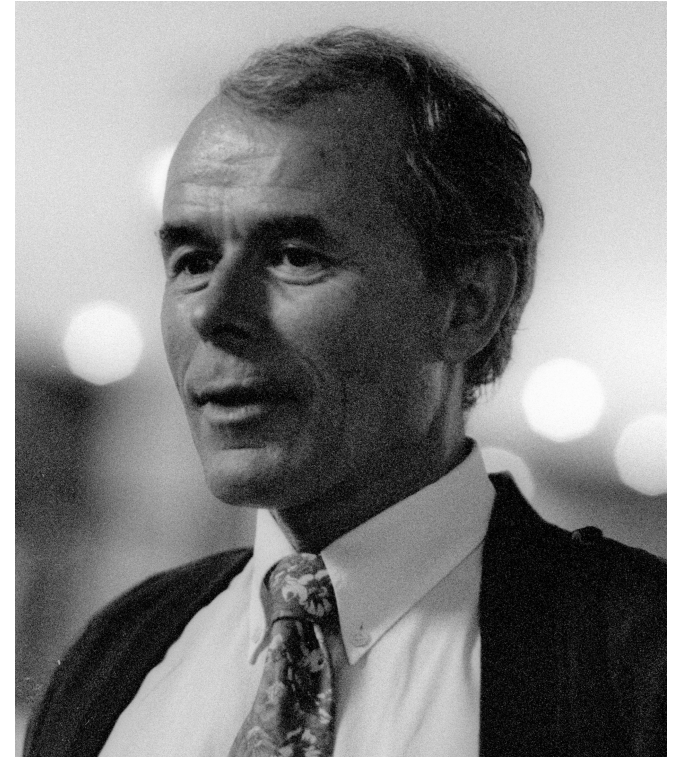
14 January 1938 – 4 July 2024

1966 PhD under Walter Heitler
symmetry property of the state vector of two decaying
particles

1978 – 2002 Titular Professor for Theoretical Physics

Research interests:

- field theory and applications to mesons and nucleons
- electromagnetic radiation corrections to beta decay
- collaboration with Günther Rasche
→ electromagnetic precision predictions for beta decay



Decision making structure of the institute

Institute regulations of 25.11.2022 (in German):

https://www.physik.uzh.ch/dam/jcr:7ef2a9fb-e0f1-4869-8702-8b62f0922fb3/Institutsordnung_PhysikInstitut2022.pdf

- Institute directorate: Thomas Gehrman (director), Laura Baudis (co-director)
Katharina Müller (managing director)
responsible for daily operation of institute supported by administrative personnel
- Professors' meeting: all independent group leaders, meets monthly
- Institute assembly (professors and representatives of the bodies)
two meetings a year + on demand
- Management board: all tenured professors, meet on demand
- Long-term professorial planning: EFP (Entwicklungs- und Finanzplan) process
Institute annually proposes rolling five-year strategy for future professorships

Decision making structure of the institute

Representatives of the corporate bodies <https://www.physik.uzh.ch/de/institut.html>:

- **ATP** (administrative and technical personnel)
Achim Vollhardt, Chris Albrecht
- **WNW** (scientific personnel: PhDs and postdocs)
Marta Babic, Nicolo Giraudo (deputy Ricardo Peres)
- **FFL** (scientific personnel: senior scientist and lecturers)
Mark Fischer, Patrick Owen (deputy Olaf Steinkamp)
- **Students:**
Loic Meyer, Oriana Fröhlich

New Institute Directorate 2025 – 2029



Director: Laura Baudis



Co-Director: Gino Isidori

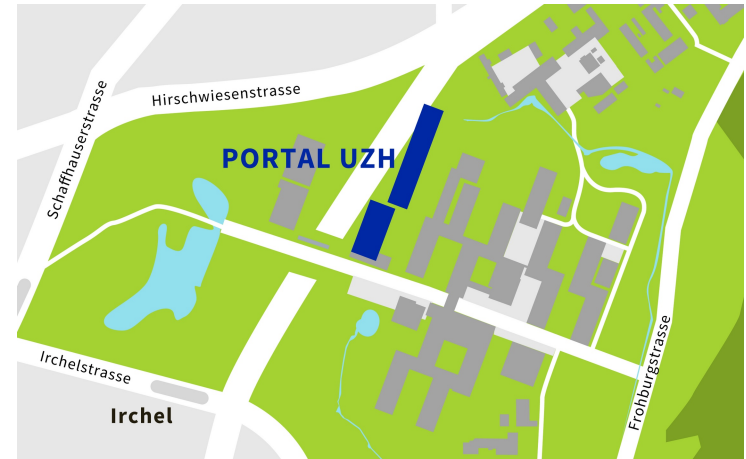
Strategic planning of the institute: professorships

Input to the 2025 EFP (Entwicklungs- und Finanzplan) process:

- [MS1] Theoretical condensed matter physics
- [MS2] Muon spin rotation, jointly with PSI
- [MS3] Experimental particle physics
research focus on the physics opportunities presented by the FCC
new position, NCCR proposal PARTICLES

UZH: Real Estate Strategy

Portal Irchel (planned: 2030-2035 +1y)



Lab Space Y56

Building 56 was renovated 2023:

- Installation of clean room for CMS detector assembly
- Labs for smaller scale experiments
(high-field magnets, vibration-free tables)

Schedule

Start renovation: spring 2023

Phase 1 finished: end of 2023

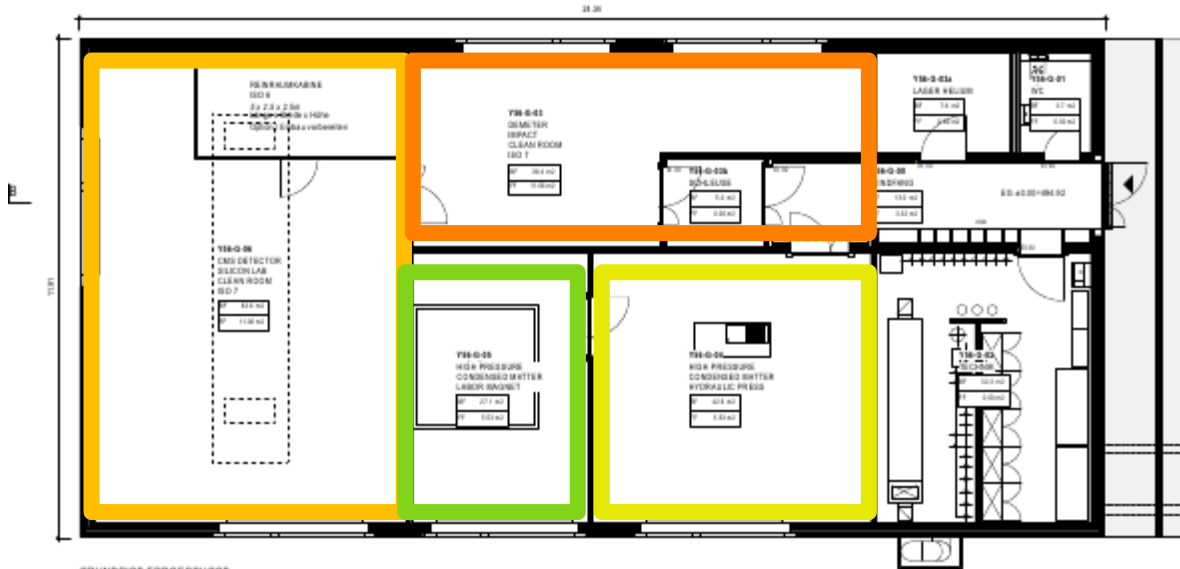
Clean room ready: Feb 2024

~~Start Phase 2: 2028~~

Start Phase 2: 2024



Lab Space: Building 56



Phase 1:
clean room for CMS detector
assembly

Lab group Penning

Condensed Matter: High pressure lab

Phase 2:
clean room for IMPACT

Space (lab and offices) on Irchel campus
remains very tight, no new space before 2030

Building 36

Y36 H

Stand: 1.11.24



Labs

H26: Johanna Nordlander

H32: Marcelle Soares-Santos

H42: Nico Serra/
Olaf Steinkamp

Offices

Nordlander H74, H76

Natterer H68, H 70

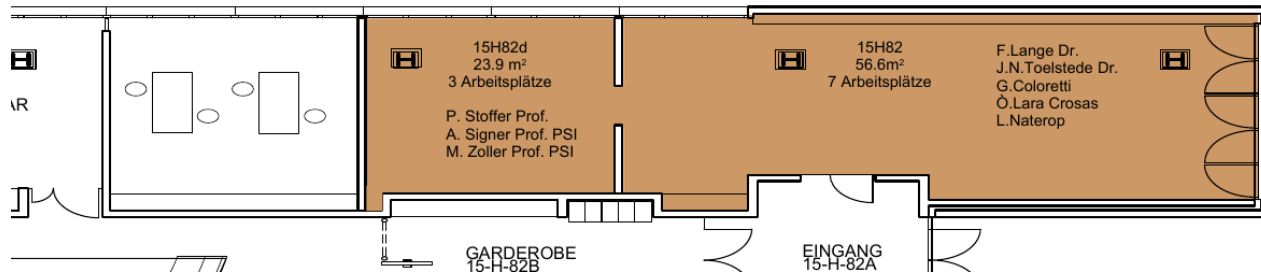
Chang/Greber H 52

Infrastruktur	Prof.C.Aegerter	Prof.L.Baudis	Prof.T.Bzdusek	Prof.L.Caminada	Prof.F.Canelli	Prof.J.Chang	Prof.J.Crivellini	Prof.T.Gehrmann
Prof.M.Grazzini	Prof.Th.Greber	Prof.G.Isidori	Prof.M.Janoschek	Prof.P.Jetzer	Prof.B.Kliminster	Prof.T.Neupert	Prof.F.Natterer	Prof.J.Nordlander
Prof.B.Penning	Prof.S.Pozzorini	Prof.A.Schilling	Prof.N.Serra	Prof.M.Soaeres	Prof.P.Stoffer	Dr.C.Tzschaschel	Prof.M.Zoller	

Building 15

Y15 H

Stand: 1.11.24



Offices

PSI professors & students

UZH: Health & Safety - Emergencies

Emergencies, phone numbers

- UZH now App
- Backside of doors
- Service Center 24/7: 044 635 41 11

Department of Physics, Security Officers

- Achim Vollhardt: Radiation
- Matthias Hengsberger: Laser



Alarmierung im Notfall Alerting in an emergency

Sie befinden sich im Gebäude - Stockwerk - Raum
You are in building - floor - room

Y 10 G 14
Winterthurerstrasse 190

Alarmieren Sie im Notfall
In Case of Emergency call

044 635 41 11

 Sanität 144
Ambulance 144

 Polizei 117
Police 117

 Feuerwehr 118
Fire 118

Business trips

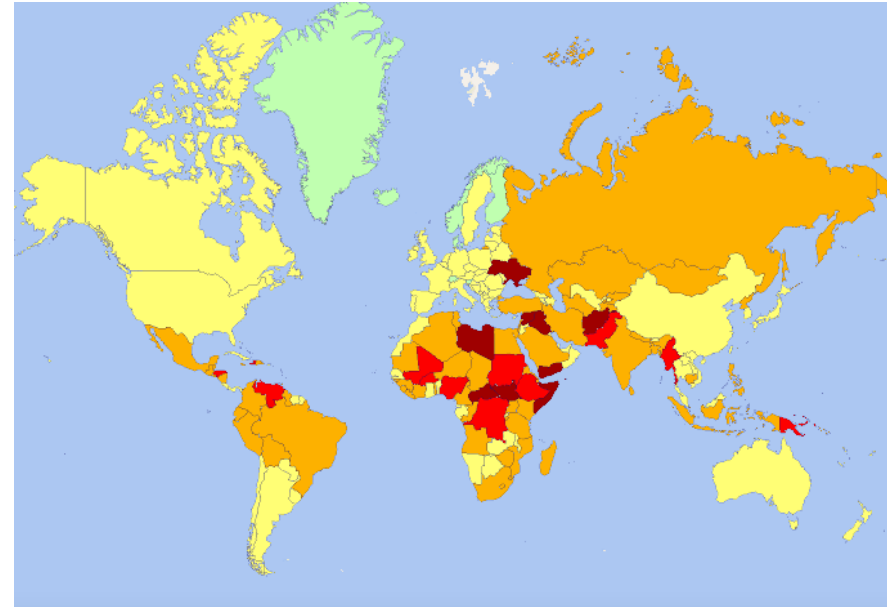
Travel preparations for areas with increased risk (high and extreme security risk), remote areas or countries with high medical costs

<https://www.staff.uzh.ch/en/safety-health/travelinsurance.html>

Areas with high security risk: prior authorization required

(<https://www.travelriskmap.com/#/planner/map/security>)

<https://www.staff.uzh.ch/en/safety-health/travelinsurance/authorization.html>



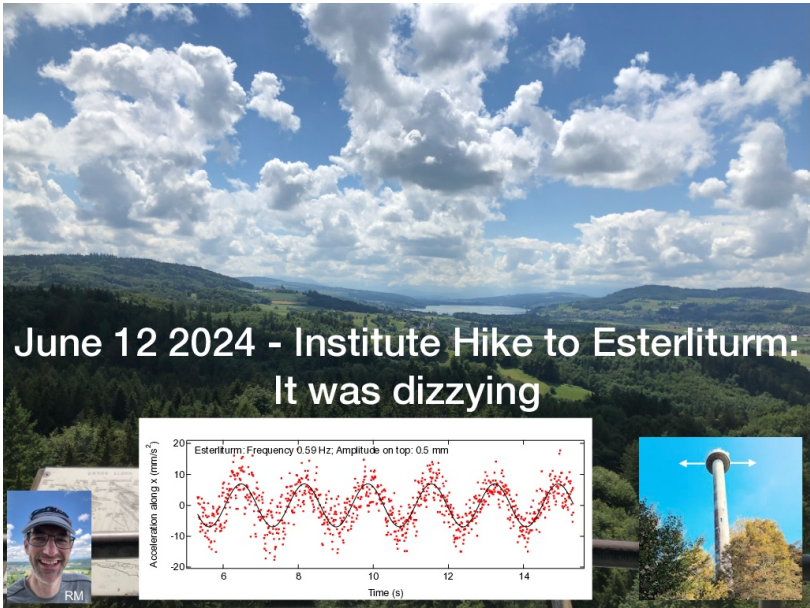
Business trips – Travel insurance

- Travel Assistance Service: International SOS
 - use the Assistance App for for areas with increased risk, remote areas or countries with high medical costs
 - create your profile using the membership ID for UZH members, 22AYCA816937
 - access to latest security and health advice & assistance
- Travel Insurance Chubb:
 - In case of accident or illness abroad and covers medical costs in case of emergencies abroad as well as the costs for repatriation.
 - For countries with high medical costs – e.g. USA, Canada, Japan, Australia:
use International SOS Assistance App and upload travel details

Outreach

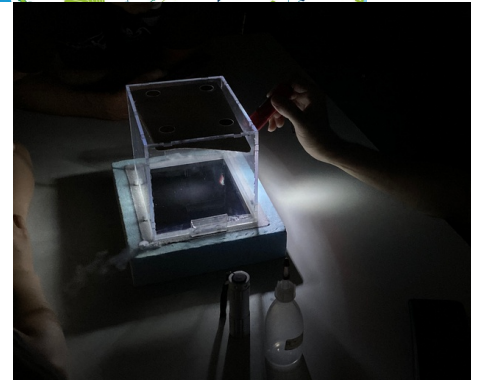
- Regular 2h event every 6 months:
New @ Physik-Institut with visit to the workshops and apero
- Send input for social media, website and screen to outreach@physik.uzh.ch
Show what you are doing: photos of black wall, lab, experiment, lecture notes
→ outreach@physik.uzh.ch
- Welcome Screen: send news to be shared to outreach@physik.uzh.ch
- [Science Pavilion](#)(UZH)
Once per month: guided tours through the physics exhibition
CERN, Dark Matter, Gravitational Waves

Institute Hike



Outreach

- Science & Nature festival
Lab visits / Talks / Workshops / Hands on
- Long night of museums:
Meet a physicist / Talks



Arts & Science: U_{ZH}N/EARTH

Science Pavilion UZH



General Institute Assembly 10/12/2024

19/11: Physics on Tap

18:00 - 18:30: Speed-Meeting: Meet a physicist

18:30 - 18:45: First talk

19:00 - 19:30: Quiz part I

19:45 - 20:00: Second talk

20:00 - 20:30: Quiz part II

✦✦ **PHYSICS ON TAP** ✦✦
@THE ALEHOUSE - UNIVERSITÄTSTRASSE 23

1 FREE BEER

18H00
19 NOVEMBER

EVERYONE
WELCOME

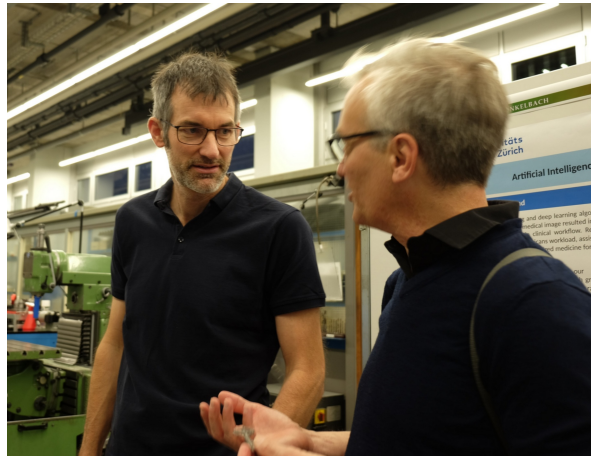
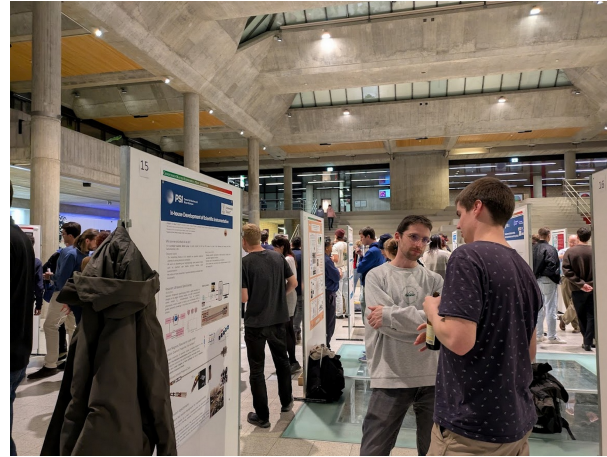


**PINTS, CHATS & SCIENCE: A FUN NIGHT WITH
PHYSICS TALKS, A PUB QUIZ, AND SPEED-
MEET A PHYSICIST**

Organisation: Marko Persut, Ricardo Peres, Gabriela Araujo, Nicolo Giraud



22 & 21 November: Open days



General Institute Assembly 10/12/2024

Outreach

2025: international year of
quantum science and technology

[Quantum25](#)

Activities planned at our institute:

Exhibition, talks, symposium, escape room ...



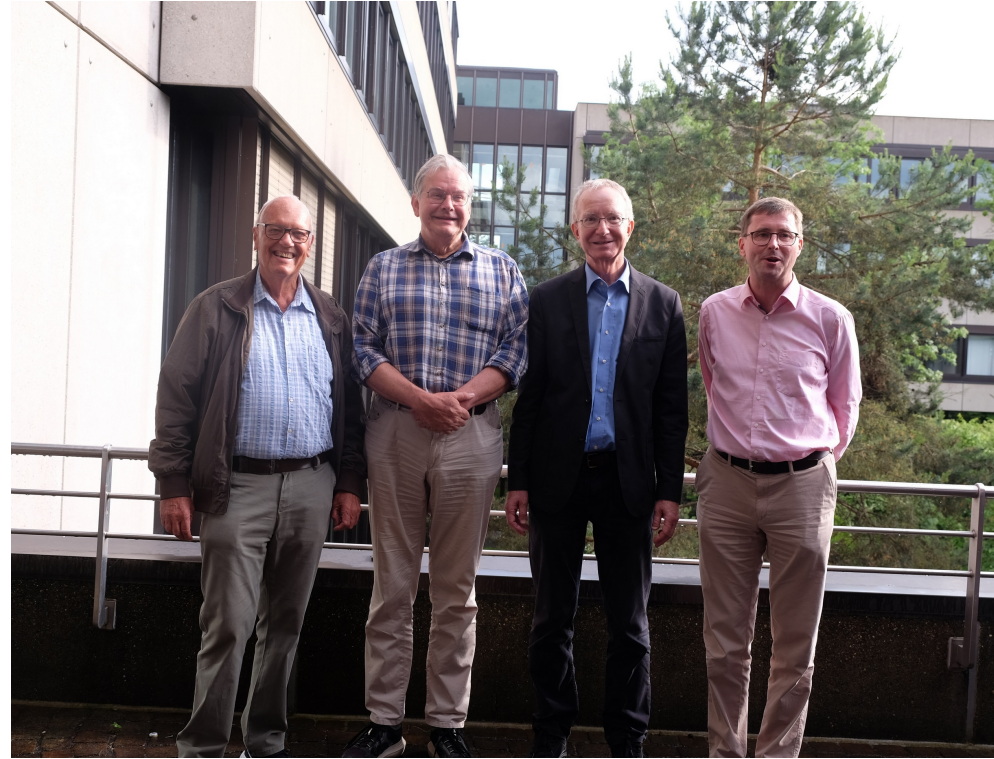
**INTERNATIONAL YEAR OF
Quantum Science
and Technology**

Varia

- 5 February: Skiing day
- June: Institute Hike



Thank you, Thomas!



Institute Directors 2003 - 2024