

FALLING
WALLS

LAB
BERLIN-
ADLERSHOF

16 July 2024
BERLIN-ADLERSHOF



CONCEPT

The Falling Walls Foundation founded the Falling Walls Lab in 2011 to:

CONNECT aspiring innovators

DISCOVER and develop talents

SUPPORT interdisciplinary dialogue and international cooperation

DEVELOP new ways of scientific communication

BUILD new and strong networks

TIMELINE

13:30 – 13:55	Jury briefing
13:30	Participant arrival and registration
14:00	Welcome and introductory remarks
14:10 – 15:30	Pitches (1-15)
15:30 – 15:50	Break (participants and audience) / Jury session
15:50 – 15:55	Awards ceremony / Group picture
15:55	Farewell reception

JURY

Prof. Dr. Ulrich Panne, Jury Chair

President of Bundesanstalt für Materialforschung und -prüfung (BAM) and Chairman of Initiativegemeinschaft Außeruniversitärer Forschungseinrichtungen e. V. (IGAFA)

Prof. Dr. Ulrich Panne has been the president of BAM since 2013. He studied chemistry at the University of Dortmund and at University College London and received his Ph.D. and habilitation at the Technical University of Munich. Professor Panne has been working at BAM since 2004, where he initially headed the department of Analytical Chemistry; Reference Materials. In addition to his presidency at BAM, he is honorary professor of Instrumental Analytical Chemistry at the Humboldt-Universität zu Berlin (HU). He is also spokesman for the Working Group Departmental Research and chairman of the Joint Initiative of Non-University Research Institutes in Adlershof (IGAFA e. V.).

Professor Panne is co-initiator and spokesman for the HU Graduate School of Analytical Sciences Adlershof (SALSA). In 2009, the German Chemical Society, (GDCh) awarded him the Fresenius Prize for his achievements in analytical chemistry.

Prof. Dr. Heike M. Hölzner

Professor for Entrepreneurship at the HTW Berlin – University of Applied Sciences in Berlin.

Professor Hölzner studied economics at the University of Oldenburg and earned his doctorate in technology management at Helmut Schmidt University in Hamburg. Prior to taking over the Professorship at the HTW in April 2017, she founded her own E-Commerce Business and has worked as a Consultant for Digital Business and Digital Transformation within different industries (i.e. FinTech, Automotive, Health). Today she works as a coach for a number of startup accelerators and governmental programs. Her research interests include deep tech startups and the entrepreneurial mindset. Professor Hölzner is also a founding member of the business angel network Encourage Ventures e.V.

Prof. Dr. Jan Lüning

Head of Helmholtz-Zentrum Berlin (HZB) Institute for Electronic Structure Dynamics and Professor of Electronic Properties of Materials/X-ray Analysis at the Humboldt-Universität zu Berlin and Initiativgemeinschaft Außeruniversitärer Forschungseinrichtungen e. V. (IGAFA) Advisory Board Member

Since May 2022 Prof. Dr. Jan Lüning heads the HZB Institute for Electronic Structure Dynamics after having served as a scientific director of the HZB from 2019 to 2022. Before moving to HZB, Jan Lüning was a professor at the University Pierre and Marie Curie in Paris and a scientific advisor at synchrotron SOLEIL. Before that, he worked in the USA at the synchrotron facility in Stanford and at the IBM Almaden Research Center. The solid state physicist is an internationally recognized expert in research with synchrotron radiation, and has been instrumental in promoting the development of new methods

Edith Roßbach

*Head of General Administration Department
Technologiestiftung Berlin*

Edith Roßbach has been in charge of human resources, finance and compliance at Technologiestiftung Berlin since 2007 and is heading the general administration department since 2024. Between 2014 and 2020, she was responsible for the re-communalisation of the Berlin Centre of Competence for Water (KWB) and its focus on digitalisation in urban water management as Managing Director. Since 2014 she is representing Technologiestiftung Berlin on the board of the Lange Nacht der Wissenschaften Berlin as treasurer.

Prof. Dr. Matthias Selbach

Leader of the Research group “Proteome Dynamics” at the Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC) and professor at the Berlin Medical School (Charité).

Matthias Selbach studied Biology in Münster (Germany) and received his PhD from the Max Planck Institute for Infection Biology (Berlin). As a postdoc he worked at the University of Southern Denmark (Odense) and at the Max Planck Institute of Biochemistry (Munich). Since 2007 he heads the Proteome Dynamics Lab at the MDC – initially as a junior group leader and since 2013 as a full professor. His team combines expertise in cell biology and mass spectrometry-based proteomics to study biological systems in health and disease. He is co-coordinator of the MSTARs consortium for mass

spectrometry in systems medicine, ombudsperson for PhD students and received several awards like the young investigator prize of the European Molecular Biology Organization (EMBO) and the Analytica research prize

Steffen Terberl

*Managing Director
Zukunftsorte Berlin*

Steffen Terberl has been head of the Zukunftsorte Berlin office since March 2022. From 2011-2022, he was responsible for Profund Innovation at Freie Universität Berlin. Prior to this, the economic geographer built up the start-up support program at Paderborn University. Steffen already founded a start-up during his studies. Together with his teams at the FU Berlin and the University of Paderborn, he has supported more than 100 technology and knowledge-based spin-offs in entering the market.

Dr. Ursula Westphal

*Managing Director
Initiativgemeinschaft Außeruniversitärer Forschungseinrichtungen e. V.
(IGAFA)*

Dr. Ursula Westphal studied Chemistry at the Albert-Ludwig University Freiburg and at the Technische Universität Berlin and Economics at the Fernuniversität Hagen. She receives her Ph.D. in 1994 with inorganic chemistry. She worked as a scientific assistant at the Chemistry Institute of the Technische Universität Berlin. After that, she changed to Technology Park Adlershof and worked there in different positions. Finally, she became the managing director of the IGAFA – the scientific network of the non-university research institutions located in the technology park Berlin Adlershof. Dr. Westphal also is member in different scientific associations, like the GdCH or the advisory board of HTW.

PRESENTERS

- 1 Samar Alarif**
Technische Universität Berlin
(Berlin, Germany)
BREAKING THE WALL OF
REGENERATIVE EQUITABLE
CITIES
- 2 Dr. Lucia Casali**
Bundesanstalt für
Materialforschung und -prüfung
(Berlin, Germany)
BREAKING THE WALL OF
PHARMACEUTICAL
MANUFACTURING
- 3 Dr. Ta-Shun Chou**
Leibniz-Institut für
Kristallzüchtung im FVB e. V.
(Berlin, Germany)
BREAKING THE WALL OF
CONVENTIONAL
SEMICONDUCTOR
- 4 Jennifer Coffie**
Hochschule Worms,
University of Applied Sciences
(Worms, Germany)
BREAKING THE WALL OF
FINANCIAL NON INCLUSION
- 5 Diego Alejandro Garzón**
International Iberian
Nanotechnology Laboratory/
University of Porto (FEUP)
(Braga/Porto, Portugal)
BREAKING THE WALL OF
ENERGY: NOVEL
PEROVSKITES
- 6 Anupam Gautam**
University of Tübingen/Max
Planck Institute for Biology
Tübingen
(Tübingen, Germany)
BREAKING THE WALL OF
METAGENOMIC
COMPUTATION
- 7 Dr. Nicolás Hinrichs**
Max Planck Institute for Human
Cognitive and Brain Sciences
(Leipzig, Germany)
BREAKING THE WALL OF
HYPERSCANNING
PSYCHOTHERAPY
- 8 Dr. Carlos Honrado**
International Iberian
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(Braga, Portugal)
BREAKING THE WALL OF
ENDOMETRIAL CANCER
- 9 Contimi Kenfack Mouafo**
RWTH Aachen
(Aachen, Germany)
BREAKING THE WALL OF
AFRICA'S NEGATIVE IMAGE
- 10 Dr. Mareike Prüfer**
KNAUER Wissenschaftliche
Geräte GmbH
(Berlin, Germany)
BREAKING THE WALL OF
VACCINE QUALITY CONTROL

11 Tim Schröder

PLANCES.

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URBAN GREENERY

12 Melissa Telong

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(Berlin, Germany)

BREAKING THE WALL OF
CONCRETE DATA
MANAGEMENT

13 Changhao Tian

Nanyang Technological
University Singapore/ Technical
University of Munich
(Singapore, Singapore/Munich,
Germany)

BREAKING THE WALL OF
COMPLEX GAS SENSING

14 Komali Valishetti

Technical University

Braunschweig

(Braunschweig, Germany)

BREAKING THE WALL OF
BIOSECURITY THREAT
DETECTION

15 Julia Wesolowski

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Geräte GmbH

(Berlin, Germany)

BREAKING THE WALL OF
NATURAL PRODUCT
ISOLATION

FALLING WALLS LAB BERLIN-ADLERSHOF

WHICH ARE
THE NEXT
WALLS
TO FALL?

IN COOPERATION WITH



THANK YOU TO OUR PARTNERS AND SUPPORTERS

Supporting Partner

SARTORIUS

Network Partners



SPRINGER NATURE



FEEDBACK

What was your overall impression of Falling Walls Lab Berlin-Adlershof?

Do you have concrete suggestions for improvement? If so, what?

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As per July 5, 2024; Subject to alteration.

