

FALLING
WALLS

LAB

BERLIN-

ADLERSHOF

30 SEPTEMBER 2022
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 – 15:25 | Pitches (1-14) |
| 15:25 – 15:45 | Break (participants and audience) / Jury session |
| 15:45 – 15:50 | Awards ceremony / Group picture |
| 15:50 | Farewell reception |

JURY

Prof. Dr. Ulrich Panne, Jury Chair

President of Bundesanstalt für Materialforschung und -prüfung (BAM) and Chairman of Initiativgemeinschaft 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. Stefanie Molthagen Schnöring

Vice-President Vice-President for Research & Transfer, HTW Berlin – University of Applied Sciences

Prof. Dr. Stefanie Molthagen-Schnöring has been Vice President for Research and Transfer at HTW Berlin since April 2019. She studied German language and literature, cultural sciences and communication studies at Westfälische Wilhelms-Universität Münster and did her PhD on the interrelation of corporate communication and culture. Stefanie Molthagen-Schnöring joined HTW Berlin as professor for business communication in 2011 after her occupational activity in communication agencies in Hamburg and Berlin. In her research she deals with communication at the interface of business, politics, science and society with a focus on the importance of trust.

Dr. Nicole Münnich

Managing Director

Forschungsverbund Berlin e.V. (FVB)

Dr. Nicole Münnich has been the Managing Director of FVB since December 2021. She studied history and literature at Leipzig University where she also received her PhD. Before joining FVB, she headed the “Universities, Scientific Centers, Digitalization, and Artificial Intelligence” unit and was Deputy Head of the Science and Research Department at the Ministry of Science, Research and Culture of the Federal State of Brandenburg for six years. Prior to that, she worked more than five years in various positions at Humboldt-Universität zu Berlin. Her roles included Chief of Staff of the President’s Office, Advisor to the Vice President for Finance, Human Resources and Operations, and Head of the Excellence Initiative staff unit. As part of her doctorate at Leipzig University, she was a fellow at the Transatlantic Research Training Group Berlin / New York, which was funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation).

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

Roland Sillmann

Managing Director

WISTA Management GmbH

Born on January 15, 1971 in Freiburg, Germany. He studied Mechanical Engineering in Offenburg. After having earned a Master of Business Engineering degree in Berlin, several study visits have taken him to the U.S.A. and Japan.

Sillmann's professional career began in 1996 at the Institute for Solar Energy Research Hamelin (ISFH). In 2002 he became technical director of the Solar Division of Schüco International KG for five years. In 2007, he was one of the founders of the Inventux Solar Technologies GmbH, Berlin which was the largest independent German start-up at that time. Sillmann was six years a member of the Inventux Management Board.

From 2013 until 2015 he was CEO of Innovations-Zentrum Berlin Management (IZBM), a managing company for innovation and business incubation. Since 1 July 2015, Roland Sillmann is Managing Director of WISTA Management GmbH.

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 works as a scientific assistant at the Chemistry Institute of the Technische Universität Berlin. After that, she changed to Technologiepark 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 Bengisu Berispek**
Technische Universität Berlin
(Berlin, Germany)
BREAKING THE WALL OF
CITIZEN ENGAGEMENT FOR
CLIMATE NEUTRALITY
- 2 Christine Bonsu**
Humboldt-Universität zu Berlin
(Berlin, Germany)
BREAKING THE WALL OF
SUSTAINABLE MOBILITY
CHALLENGES
- 3 Andrea Colombo**
Biopract GmbH
(Berlin, Germany)
BREAKING THE WALL OF
NUTRIENT RECOVERY
- 4 Rawan Hadad**
Cisco Solution GmbH
(Berlin, Germany)
BREAKING THE WALL OF
BUREAUCRACY
- 5 Dr. Deniz Hülägü**
Bundesanstalt für Material-
forschung und -prüfung
(Berlin, Germany)
BREAKING THE WALL OF
HIDDEN DANGER IN FOOD
- 6 Dr. Natalie Kille**
Forschungszentrum Jülich
(Jülich, Germany)
BREAKING THE WALL OF
EXPOSURE ASSESSMENT
- 7 Khue Nguyen**
Berlin Institute of Health
(Berlin, Germany)
BREAKING THE WALL OF
MULTIRESOLUTION
BIOLOGICAL ONTOLOGIES
- 8 Xinzi Pan**
Humboldt-Universität zu Berlin
(Berlin, Germany)
BREAKING THE WALL OF
CARBON AND FLUORINE
- 9 Dr. Sofia Pazzagli**
Humboldt-Universität zu Berlin
(Berlin, Germany)
BREAKING THE WALL OF
PROTOTYPING PHOTONICS
- 10 Dr. Aurel von Richthofen**
Arup Deutschland
(Berlin, Germany)
BREAKING THE WALL OF
SILOED DIGITAL TWINS

- 11 Arkendu Roy**
Bundesanstalt für Material-
forschung und -prüfung
(Berlin, Germany)
BREAKING THE WALL OF
RENEWABLE AND
SUSTAINABLE ENERGY
- 12 Dr. Johanna Säger**
Bundesanstalt für Material-
forschung und -prüfung
(Berlin, Germany)
BREAKING THE WALL OF
INTRANSPARENT CERAMICS

- 13 Dr. Catarina Schiborn**
German Institute of Human
Nutrition Potsdam-Rehbruecke
(Potsdam, Germany)
BREAKING THE WALL OF
PERSONALISED
CARDIOMETABOLIC
PREVENTION
- 14 Dr. Nadja Simeth**
University of Göttingen
(Göttingen, Germany)
BREAKING THE WALL TO
HIGH-PRECISION DRUGS

FALLING WALLS LAB BERLIN-ADLERSHOF

WHICH ARE
THE NEXT
WALLS
TO FALL?

IN COOPERATION WITH



THANK YOU TO OUR PARTNERS AND SUPPORTERS

Supporting Partner



Network Partners



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 September 27, 2022; Subject to alteration.

