

FALLING WALLS

LAB

ADLERSHOF

Friday, 1 October 2021
Online-Lab

FALLING WALLS LAB CONCEPT

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

- ... connect aspiring innovators
- ... discover and develop talents
- ... support interdisciplinary dialogue and international cooperation
- ... develop new ways of scientific communication
- ... build up new and strong networks

TIMELINE

13:40 – 13:55	Jury and presenter briefing
14:00 – 14:10	Welcome and introductory remarks
14:10 – 15:00	Presentations
15:00 – 15:20	Break (participants and audience) / Evaluation session (jury)
15:20 – 15:25	Award ceremony / Group picture
15:30	End

JURY

Prof. Dr. Ulrich Panne, Chairman of the Jury

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.

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Prof. Dr. Heike Marita Hölzner

Professor for Entrepreneurship

HTW 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

Scientific Management

Helmholtz-Zentrum Berlin für Materialien und Energie (HZB)

Since June 2019, Jan Lüning has been responsible for “Matter” as scientific manager of HZB. Before moving to HZB, Jan Lüning was a professor at the University Pierre and Marie Curie in Paris and a scientific advisor at the synchrotron SOLEIL. Before that, he worked in the USA at the synchrotron in Stanford and for 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.

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.

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Svea Stephan

Application Specialist

KNAUER Wissenschaftliche Geräte GmbH

Svea Stephan studied Life Science Engineering at the University of Applied Sciences in Berlin. During her master thesis, she developed a qualification concept for analytical HPLC systems.

Since 2018 she is working as a liquid chromatography application specialist at KNAUER Wissenschaftliche Geräte GmbH. After starting in the analytical HPLC area, she moved to the preparative field and her focus now is the development and optimization of SMB methods. Her main projects now include the purification of cannabis and the participation in an EU research project with 10 scientific partners in 8 different countries.

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.

PARTICIPANTS

(in alphabetical order)

- 1 Lisa Budzinski**
BREAKING THE WALL OF
PERSONALIZED MICROBIOTA
DIAGNOSTICS
German Rheumatism Research
Centre, Berlin - A Leibniz
Institute (Germany)
- 2 Yannick G. Eller**
BREAKING THE WALL OF
COMPETENCY BASED
PATIENT SAFETY
University of Oldenburg
(Germany)

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- 3 Pedro Guzman
BREAKING THE WALL OF
MASSIVE TESTING
BROVID; TU Berlin & Charité
Berlin (Germany)
- 4 Dr. Igor Ogashawara
BREAKING THE WALL OF
WATER QUALITY
MONITORING
Leibniz-Institute of Freshwater
Ecology and Inland Fisheries –
IGB-Berlin (Germany)
- 5 Dr. Torben Rieckmann
BREAKING THE WALL OF
OF NON-INCLUSIVE
MATHEMATICS
University of Hamburg
(Germany)
- 6 Dr. Tavseef Mairaj Shah
BREAKING THE WALL OF
FOOD SYSTEM CHALLENGES
Hamburg University of
Technology (Germany)
- 7 Sophie Stolle
BREAKING THE WALL
BETWEEN 'US' AND 'THEM'
School of Oriental and African
Studies, University of London
(Great Britain)
- 8 Anna Vanderbruggen
BREAKING THE WALL OF
BATTERY RECYCLING
Helmholtz Institute Freiberg for
Resource Technology (Germany)

PARTNERS

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What is your overall impression of the Falling Walls Lab Adlershof?

What are your concrete suggestions for improvement?

What was most challenging?

Please send us your comments to fwl-adlershof@igafa.de.
Thank you very much in advance.

IGAFa e. V., Rudower Chaussee 17, 12489 Berlin
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@IGAFaEV, @BAMResearch

As per September 28, 2021; Subject to alteration.

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IN COOPERATION
WITH



**THANK YOU
TO OUR PARTNERS AND SUPPORTERS**

Supporting Partners



Network Partners

