

FALLING WALLS

LAB

ADLERSHOF

Friday, 2 October 2020
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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Julius Upmeier zu Belzen

Master Student at Ruprecht-Karl-University Heidelberg and Student Assistant at the Digital Health Center of the Berlin Institute of Health (BIH) – Charité University Medicine Berlin

Julius Upmeier zu Belzen is the 2019 winner of the Falling Walls Lab Adlershof with his presentation on 'Breaking the Wall of Black Boxes in Biomedical AI'. Currently he is finishing his Master's degree in molecular biotechnology with a specialization in bioinformatics. Additionally, he is working on explainable AI for the medical field in the group of Prof. Dr. Roland Eils at the BIH and has a great interest in effective science communication. Aside from Heidelberg and Berlin, his research has so far taken him to Shenzhen, China and Lausanne, Switzerland. He is coauthor of multiple scientific articles. Since 2016 he receives a scholarship from Stiftung der Deutschen Wirtschaft.

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.

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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Dr. Manuela B. Urban

Managing Director

Forschungsverbund Berlin e. V. (FVB)

Dr. Manuela Urban has been engaged as Managing Director of the Forschungsverbund Berlin e. V. (FVB), an association that represents eight Leibniz institutes working in the natural, life and environmental sciences in Berlin, since 2012. Urban studied Biology in Tübingen and Munich, and completed her doctorate at LMU Munich's Gene Center in 1992. In the 1990s, she served as Personal Assistant to the presidents of Humboldt-Universität zu Berlin at that time, followed by a position as Desk Officer for mathematics and natural sciences and for the Science and Technology Park Adlershof. While in employment, she studied at the Berlin School of Economics and Law and at Anglia Ruskin University Cambridge, UK, and earned her Master of Business Administration degree in 2001. From 2000 to 2012, she managed the administrative and scientific service units of the Max Planck Institute for Molecular Genetics in the position of Chief Administrative Officer.

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** Dr. Chayanika Das
BREAKING THE WALL OF
MAGNESIUM CORROSION
Bundesanstalt für
Materialforschung und -prüfung
(BAM), Berlin (Germany)
- 2** Samuel Gaucher
BREAKING THE WALL OF
ARTIFICIAL FREE WILL
Humboldt-Universität zu Berlin,
Berlin (Germany)

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- 3 Tea Ghigo
BREAKING THE WALL OF
TRADITIONAL MUSEUM
PERCEPTION
Bundesanstalt für
Materialforschung und -prüfung
(BAM), Berlin (Germany)
- 4 Jens Marchewski
BREAKING THE WALL OF THE
INCOMPLETE REUNIFICATION
Legatum e. V., Berlin (Germany)
- 5 Sara Salama
BREAKING THE WALL OF
TREATMENT THE LUPUS
DISEASE USING
MICROBIOLOGICAL ENZYMES
Agriculture Research Center
Institute, Giza (Egypt)
- 6 Svea Stephan
BREAKING THE WALL OF
EXPLOITING FINITE
RESSOURCES
KNAUER Wissenschaftliche
Geräte GmbH, Berlin (Germany)
- 7 Helene Tello
BREAKING THE WALL OF
CONTAMINATED WORKS OF
ART WITH SOLVENT
PROCESS
European University Viadrina,
Frankfurt/Oder (Germany)
- 8 Nicolas P. Winkler
BREAKING THE WALL OF AIR
POLLUTION MONITORING
Bundesanstalt für
Materialforschung und -prüfung
(BAM), Berlin (Germany)

PARTNERS

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FEEDBACK

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, 2020; Subject to alteration.

FALLING WALLS LAB ADLERSHOF

IN COOPERATION
WITH



**THANK YOU
TO OUR PARTNERS AND SUPPORTERS**

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German Academic Exchange Service

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