

FALLING WALLS

LAB TOKYO

2016

Monday, 29 August 2016

OAG Haus, Tokyo



FALLING
WALLS
LAB 2016



German Research and
Innovation Forum - Tokyo

Germany
Land of Ideas

CONCEPT



Learn, share and communicate about research!

Based on the idea of "breaking down various walls" around the world, this event provides students, young researchers and professionals of all disciplines and nationalities an opportunity to present their research projects or ideas in 3 minutes and in English, in front of a non-specialised audience.

The winners from the Falling Walls Labs from around the world - including the Falling Walls Lab Tokyo - will gather for the Falling Walls Lab Finale in Berlin in November. The Falling Walls initiative was founded to commemorate the fall of the Berlin Wall.

The Falling Walls Lab Tokyo is co-organized by EURAXESS Japan and the German Research and Innovation Forum Tokyo (DWIH Tokyo).



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TIMELINE

Monday, 29 August 2016

OAG Haus

- 14:30** Registration desk open
- 15:00** Welcome and introductory remarks
- 15:40** Presentations (scholar presentations 1-7)
- 16:15** Break
- 16:30** Presentations (scholar presentations 8-15)
- 17:10** Q&A session (attendees) / Evaluation session (jury)
- 17:50** Award ceremony
- 18:10** Farewell Reception

THE JURY

Prof. Dr. Heinrich Menkhaus, Chairman of the Jury

Chair of German Law, Faculty of Law, Meiji University

Chairman of the German JSPS Alumni Association

1984 Doctor degree, Faculty of Law, University of Münster;

1986 admitted to the German Bar.

1987-1989 legal studies at Chuo University, Tokyo, Japan;

1989-1993 Researcher, German Institute for Japanese Studies, Tokyo, Japan;

1994-1995 Director of the Permanent Office, European Association for Japanese Studies, Leiden, The Netherlands;

1995-2001 Director, Law Department, German Chamber of Commerce, Tokyo, Japan;

2001-2008 Professor of Japanese Law, Faculty of Law, University of Marburg, Germany;

2008~ Chair of German Law, Faculty of Law, Meiji University, since 2009 Chair of German Law, Graduate School of Law, Meiji University, Tokyo, Japan.

Several Honorary Positions, e.g. Chairman of the German Society for Japanese Studies (2005-2012); Chairman of the German-Japanese Association for Labour Law (2002-2016); Chairman of the German JSPS Alumni Association (since 2003), Member of the Board of the Japanese-German Society Tokyo (since 2011).

2001 awarded Cross of Honour, Federal Republic of Germany.

THE JURY



Dr. Yuko HARAYAMA

Executive Member,
Council for Science, Technology and Innovation
Cabinet Office, Government of Japan

Yuko Harayama is an Executive Member of the Council for Science, Technology and Innovation (CSTI) at the Cabinet Office. Prior to joining the CSTI, she spent two years at the OECD as the Deputy Director of the Directorate for Science, Technology and Industry (STI), and ten years at the Graduate School of Engineering of Tohoku University as a professor of Science and Technology Policy. In Japan, she served as a member of different commissions related to Science, Technology and Innovation at Cabinet Office and Ministerial levels. Her experience prior to Tohoku University includes being a Fellow at the Research Institute of Economy, Trade and Industry in Japan and an Assistant Professor in the Department of Political Economy at the University of Geneva. Ms. Harayama holds a Ph.D. in Education Sciences and a Ph.D. in Economics both from the University of Geneva. She has received Chevalier de la Légion d'honneur in 2011 and was awarded honorary doctorate from the University of Neuchâtel in 2014.



THE JURY



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Dr. Saiki Hase

Deputy Director DFG Office Japan
German Research Foundation (DFG)

2006~2010 Postdoctoral fellow at the National Institute of Infectious Diseases,
Japan (Apr. 2007-Mar. 2009: Research fellowship from the Japan Health Sciences
Foundation) 2010~Deutsche Forschungsgemeinschaft DFG Office Japan, Deputy
Director DFG Office Japan from Oct. 2012



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THE JURY

Dr. Anders Karlsson

Vice President, Strategic Alliances, Global Academic Relations

Elsevier

Dr. Karlsson joined in 2012 Elsevier as Vice President for Strategic Alliances, Global Academic Relations, to support Elsevier's relations with key stakeholders in the Asia-Pacific region. Before joining Elsevier, he was for five years Counselor for Science and Innovation at the Embassy of Sweden in Tokyo (Japan), with a regional responsibility for Japan and South Korea.

Before serving as Science Counselor, he was for 10 years Professor in Quantum Photonics at the Royal Institute of Technology - KTH, Stockholm, Sweden. His work, leading a consortium on advanced information technology, was awarded the EU René Descartes Research Prize in 2004 for excellence in collaborative research. He has a strong interest in science communication and is a frequent speaker on topics such as research management, science and innovation policy, and in how results from science translate into societal impact.

THE JURY



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Dr. Ayano Takeuchi

Junior Associate Professor, Department of Environmental Science, Faculty of Science
Toho University

2016~Toho University Department of Environmental Science, Junior Associate
Professor

2015~2016 Nagoya University Graduate School of Environmental Studies,
Designated Assistant Professor

2013~2015 Project Manager, PN Power Plants AG

2012 Tokyo Institute of Technology, PhD in Social Sciences



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Dr. Helmut Wensch
Head, Corporate Technology
Siemens K.K.

Dr. Helmut Wensch was born 1968 in Wuerzburg, Germany. In 1999/2000, he spent two years as a postdoc at Tohoku University (Sendai, Japan). After that, he worked more than 10 years for Sony Japan in different roles as researcher (blue laser development), corporate strategist in global HQ and R&D planning (Open Innovation). Currently, Helmut Wensch leads Siemens Corporate Technology in Japan consisting of a University Relations and IP Licensing group. In his previous role, he was responsible for technology scouting as well as and strategic partnering in Electromobility and Smart Grid area in Japan. He holds master degrees from University Wuerzburg and SUNY Albany (US), an PhD from Bremen University and an MBA from Temple University (Japan).

THE PARTICIPANTS



1. Theron MULLER

University of Toyama | Breaking the Wall of academic knowledge production

2. Sajjad MIR

Yamagata University | Breaking the Wall of Modern self-healing electronics

3. Arthur MUELLER

Tokyo University of Agriculture and Technology | Breaking the Wall of Ungulate Wildlife Management in East Asia

4. Matt ESCOBAR

The University of Tokyo | Breaking the Wall of Data Visualization

5. Diletta FABIANI

Waseda University | Breaking the Wall of security intergovernmental organizations



THE PARTICIPANTS

6. Yuki TANAKA

The University of Tokyo | Breaking the Wall of living-objects and non-living objects

7. Peter PLOETNER

The University of Tokyo | Breaking the Wall of opaque systems

8. Ery FUKUSHIMA

Osaka University | Breaking the Wall of drug development using plant genes

9. Tonni KURNIAWAN

Hokkaido University | Breaking the Wall of Renewable Energy

10. Ray LUO

RIKEN Brain Science Institute | Breaking the Wall of Mystery of Creation

THE PARTICIPANTS

11. Alina KUDASHEVA

Tokyo Institute of Technology | Breaking the Wall of Global Water Shortage

12. Kei TAKAHASHI

The University of Tokyo | Breaking the Wall of "What is life?"

13. Heike Katrein BROCK

Keio University | Breaking the Wall of Computational Motion Aesthetics

14. Cedric CAREMEL

Takram, Design Engineering | Breaking the Wall of (Virtual) Reality

15. Chit Hong YAM

JAXA Institute of Space and Astronautical Science | Breaking the Wall of Rocket Science:
10 Years of Challenge

THE PRIZES

First Prize:

Flight to Berlin and invitation to the Falling Walls Finale in November

Second Prize:

Voucher for purchase of publications or books on Elsevier
(sponsored by Elsevier)



Third Prize:

Written interview of the 3rd prize winner on EURAXESS Japan and DWIH Tokyo websites



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Thank you for attending!

Please take a few seconds to give us your opinion about the event!
(feedback sheet on next page)

FEEDBACK

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

What are your concrete suggestions for improvement?

Would you want to apply, or suggest your friends/colleagues/students to apply if the event would be repeated next year?