

FALLING WALLS SCIENCE SUMMIT

7 – 10 NOV
2023 | 2024 | 2025...

PARTNERSHIP OFFER 2024 & REPORT 2023

FALLING WALLS
SCIENCE SUMMIT



*Benjamin List, Nobel Laureate
9 Nov 2023 at the Falling Walls Science Summit*

THE FALLING WALLS SCIENCE SUMMIT CONCEPT

FOUR DAYS FOR BREAKTHROUGH THINKING

Lots of opportunities to gather, network, and get involved. Participate in person or digitally from all over the world.



PITCHES

FALLING WALLS ENGAGE *A global platform for Science Engagers who actively involve the public with science.*

FALLING WALLS LAB *A world-class pitch competition for Emerging Talents and early-career professionals.*

FALLING WALLS VENTURE *An international platform for the most promising Science Start-Ups from across the world.*

**SCIENCE-
PRENEURS
FORUM**



CIRCLE SYMPOSIA & DEBATES

FALLING WALLS CIRCLE

Our format to connect science and society: Global leaders in research, business, policymaking and media discuss solutions for today's most pressing issues and provide a framework for the breakthroughs presented at the Falling Walls Breakthrough Day on 9 November.



BREAKTHROUGHS

FALLING WALLS BREAKTROUGHS OF THE YEAR

On the anniversary of the historic fall of the Berlin Wall, Falling Walls provides a stage for outstanding research presented in inspiring presentations. Every 9 November, "the brightest minds on the planet" (BBC) convene to answer the core question: Which are the next walls to fall in science and society?



UNCONFERENCE

FALLING WALLS UNCONFERENCE

Filled with insights from some 500 well prepared summit speakers the new fourth day of Falling Walls on 10 November schedules the unplanned. The non-agenda-conference is shaped by the audience in the very morning to investigate the freshest thoughts and set the agenda for the next year.

SUMMARY

FULL PROGRAMME

More days and hours full of the latest scientific breakthroughs.

4

DAYS

65

EVENTS

500

SPEAKERS

1

DIGITAL PLATFORM

9

LIVESTREAMS

60

HOURS OF SCIENCE VIDEO FOOTAGE

LEADING SCIENTISTS

Outstanding scientists and their work from all over the world.

984

NOMINATIONS

286

INSTITUTIONS

100

COUNTRIES

9

CATEGORIES

100

JURY MEMBERS

205

WINNERS

INTERNATIONAL AUDIENCE

Global science leaders, experts & emerging talents from all regions.

1,300

ON-SITE VISITORS

15,000+

DIGITAL EVENT VISITS

60,000+

PAGEVIEWS

41%

AGE 18-34

149

COUNTRIES

50

INTERNATIONAL JOURNALISTS

GLOBAL REACH

The whole world participated throughout the year.

900,000+

PAGEVIEWS

20,000+

INTERACTIONS

62,000+

FOLLOWERS

33,000+

NEWSLETTER SUBSCRIBERS

12,000,000+

SOCIAL MEDIA IMPRESSIONS

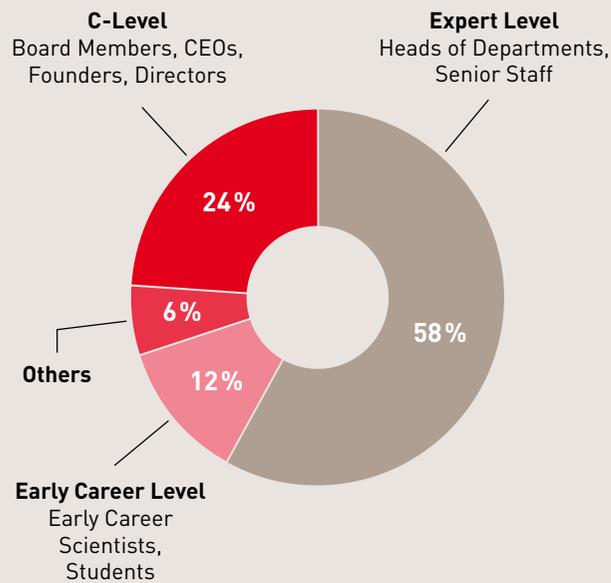
400+

PRESS REPORTS

SUMMARY

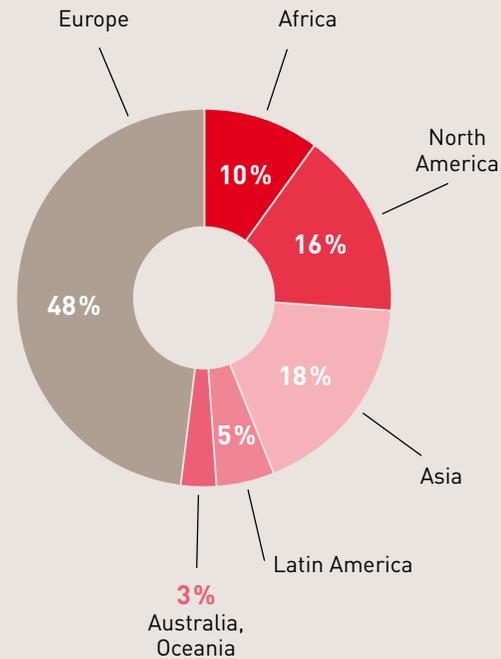
HIGH LEVEL

Falling Walls brings together the leaders of today and tomorrow.



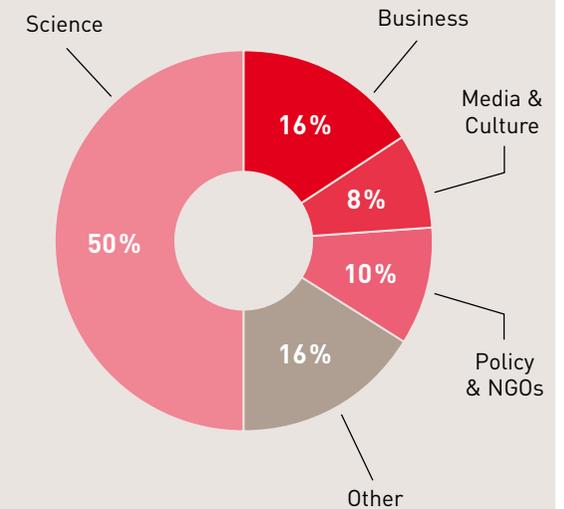
WORLD REGIONS

Falling Walls brings together all the world regions*.



SECTORS

Falling Walls brings together all sectors.



* International participants without Germans.

7

NOVEMBER

PITCHES



THE NEXT
WALLS
TO FALL?

LLING
ALLS



Debashree Roy, Massey University, Riddet Institute, NZ



Emma-Anne Karlsen, The University of Queensland, AU; Joseph Bedard, Dalhousie University, CA; Yizhou Yu, University of Cambridge, GB



Anisha Ayuning Tryas, IPB University, ID



Falling Walls Engage Winners 2023

“WHEN I SEE ALL THIS RESEARCH AND ALL THESE NEW WAYS TO SOLVE PROBLEMS, IT BRINGS ME A SENSE OF OPTIMISM.”

Benoit Schillings X, the moonshot factory, US



Saeid Hosseini, Vilje Bionics, NO



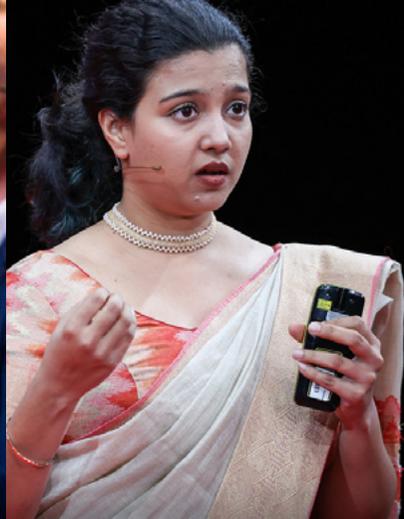
Mswenkosi Mkhize, University of Cape Town, ZA



Baha Eddine Youcef Belmekki, King Abdullah University of Science and Technology, SA



Falling Walls Engage July 2023



Harshada Kshirsagar, MIT ADT University, IN

7 NOV FALLING WALLS PITCHES

WORLD-CLASS PITCH COMPETITIONS AND NETWORKING FORUMS



FALLING WALLS ENGAGE

Falling Walls Engage puts a spotlight on the most inspiring Science Engagement projects worldwide. The 20 Winners in the Science Engagement category are invited to present their 5-minute project pitches on stage, in front of an international audience and a distinguished jury.



FALLING WALLS LAB

Falling Walls Lab is a world-class pitch competition and networking forum that brings together a diverse and interdisciplinary pool of students and early-career professionals by providing a stage for breakthrough ideas both globally and locally.



FALLING WALLS VENTURE

Falling Walls Venture is an international competition that showcases outstanding science-based start-ups. Nominated by institutions from around the globe, these ventures are working on innovative solutions to today's most pressing challenges.

SCIENCE-
PRENEURS
FORUM

7 NOV FALLING WALLS ENGAGE PITCHES

THE MOST INSPIRING SCIENCE ENGAGEMENT PROJECTS



Girls Dancing to "You Will Be Found" by STEM From Dance, Yamilée Toussaint, US



"THIS YEAR AT FALLING WALLS ENGAGE, WE SAW AN AMAZING ARRAY OF PROJECTS THAT ARE CHANGING PEOPLE'S LIVES."

MELANIE SMALLMAN UCL, GB, Jury Chair

Falling Walls Engage Community

FALLING WALLS ENGAGE

207
APPLICATIONS FROM 70 COUNTRIES

50
FINALISTS FROM 35 COUNTRIES

20
WINNERS FROM 19 COUNTRIES

9
INTERNATIONAL FALLING WALLS ENGAGE HUBS

3,400+
COMMUNITY MEMBERS FROM 140+ COUNTRIES



The global platform for Science Engagers who actively involve the public with science.
At Falling Walls Engage, our core vision is that a better understanding and public involvement in science can help tackle grand challenges such as climate change or global health through fact-based decision making, global deliberation, and integration of diverse perspectives.

Our mission is to inspire and connect creative individuals and organisations who actively involve the public with science to generate mutual benefits for science and society, activate scientists, and jointly solve global challenges. True two-way engagement contributes to enhanced trust in science, changes in policy, and overall societal well-being.

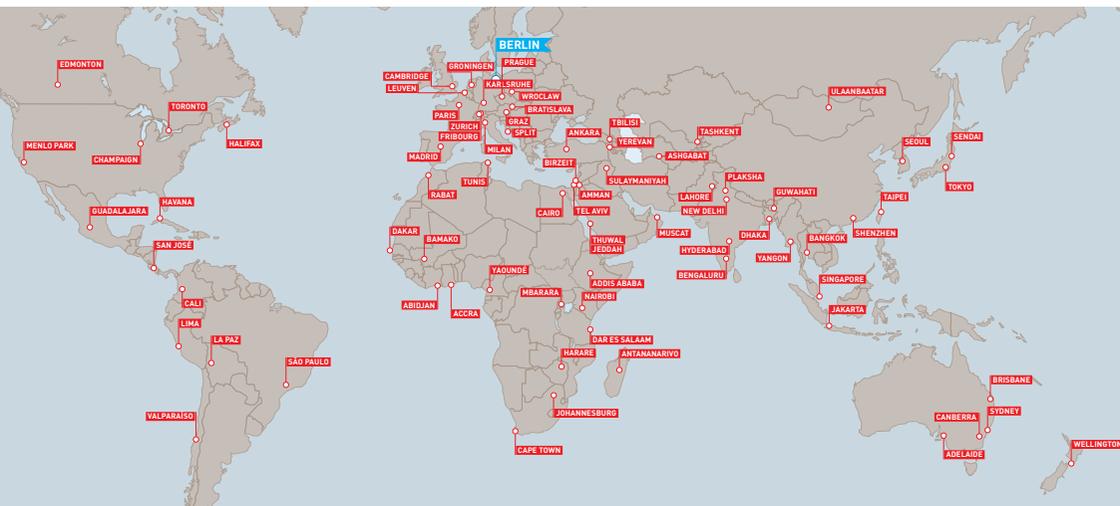
With the Falling Walls Engage Pitches we showcase effective, creative, and inspiring methods on how to engage everyone into science. With the Falling Walls Engage Hubs we build locally embedded network nodes in 9+ countries to connect and jointly move the field forward. Every year, we focus on grand challenges and how to solve them on a local but also global level.

Our international Falling Walls Engage Hubs: Argentina, Australia, Canada, Greece, Japan, Kenya, Mexico, South Africa, and Sweden.

Success stories: falling-walls.com/engage/impact

7 NOV FALLING WALLS LAB PITCHES

INNOVATIVE IDEAS FROM EMERGING TALENTS



Gloria Berinyuy Tata, Mbolab Biotech, CM

“THE HOPE THAT CLEVER YOUNG PEOPLE WITH MUCH TALENT CAN SHARE WITH US GIVES US GREAT OPTIMISM FOR THE FUTURE.”
DAME SARAH SPRINGMAN *St Hilda's College, Oxford, Jury Chair, GB*

FALLING WALLS LAB

2,300+
APPLICATIONS

1,000+
INTERNATIONAL LAB PITCHES

78
INTERNATIONAL LABS

100
INTERNATIONAL LAB WINNERS AT THE GLOBAL FINALE



From March through September, our dedicated Lab organisers hosted an impressive 78 international Falling Walls Labs in 63 countries. New Lab locations, such as Cuba and Tanzania, marked significant expansions of our platform.

The year culminated in the global finale held in Berlin, where 100 Lab winners from 64 countries,

including our first-ever Lab winner from Fiji, explored a diverse array of topics. These ranged from fake news detection to green hydrogen production and storage, and the challenge of forever chemicals.

In celebrating the outstanding achievements of our participants, we proudly announce our Breakthrough Winners:

- 1st Place:** Joseph Bedard (Falling Walls Lab Atlantic Canada) for Breaking the Wall of Alternative Plastics
- 2nd Place:** Yizhou Yu (Falling Walls Lab Cambridge) for Breaking the Wall of Dementia
- 3rd Place:** Emma-Anne Karlsen (Falling Walls Lab Australia) for Breaking the Wall of Cancer Therapy Resistance

These achievements stand as a testament to the indomitable spirit of innovation. As we revel in these successes, we eagerly anticipate providing a stage in the coming season for the next wave of groundbreaking ideas that will shape the future of science and society.

Visit: falling-walls.com/lab

7 NOV

7 NOV FALLING WALLS VENTURE PITCHES

THE MOST PROMISING SCIENCE BASED START-UPS

SCIENCE-
PRENEURS
FORUM



“IT HAS BEEN ONE OF THE MOST CULTURAL ENRICHING EXPERIENCES OF MY LIFE AND I HAVE NEVER BEEN EXPOSED TO SO MANY DIFFERENT CULTURES AND IDEAS ALL IN THE SAME PLACE.”

ALESSANDRO GRILLINI Founder, CEO & CTO, Revedar, Falling Walls Science Breakthrough of the Year Science Start-ups.

Monika Ruzickova
Venture Jury Members

Xiao Yang, Ynmo Med, HK

FALLING WALLS VENTURE

191
NOMINATIONS

113
FINALISTS

38
COUNTRIES

3
CLUSTERS
· Sustainability
· Engineering of the Future
· Health Solutions



Falling Walls Venture highlights the most promising science start-ups from across the world and provides a stage for pioneering founders who have successfully turned science into business, proving how entrepreneurial solutions can help solve today's most pressing challenges.

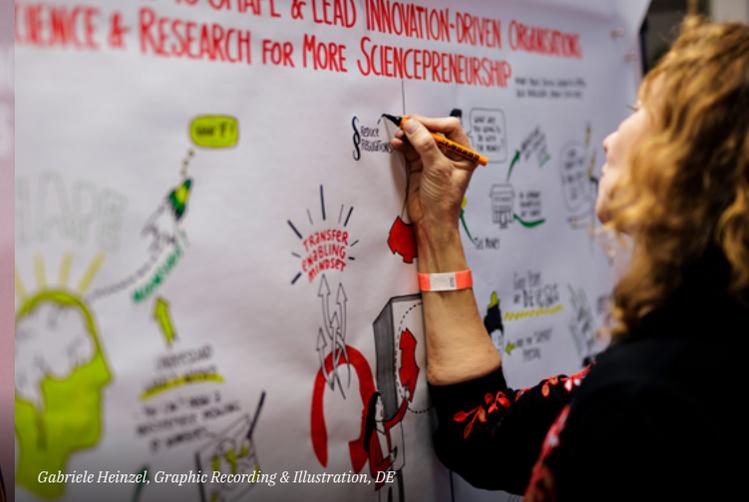
Some success stories

2023: In 2019, Alessandro Grillini embarked on his journey as a Lab finalist from Falling Walls Lab Groningen, presenting his groundbreaking pitch on „Breaking the Wall of Neuro-Visual Diagnosis“. In 2020 he founded Revedar, a start-up that developed an innovative system for detecting neuro-visual disorders. After receiving an investment

of over €3 million in July 2023, he also convinced the renowned Falling Walls Venture jury and was awarded Falling Walls Science Breakthrough of the Year 2023 in the Science Start-Ups category. **2022:** Tubulis raised €60 million Series B funding in 2022 for the development of antibody-drug conjugates (ADCs) for the targeted treatment of cancer diseases.

2021: traceless materials is a circular bioeconomy start-up offering a holistically sustainable alternative to plastics and bioplastics. The company received a total of over €40 million in funding in 2023 and is currently valued over €160 million.

Visit: falling-walls.com/venture



**SCIENCE-
PRENEURS
FORUM**

Mar Fernandez Mendez, Macrocarbon, ES

Gabriele Heinzel, Graphic Recording & Illustration, DE

Aidan McCullan, The Innovation Show, IE;
Henry Marx, Senate of Berlin, DE;
Rafael Laguna de La Vera, SPRIND, DE &
Julia Borggräfe, Metaplan, DE



“THERE IS NO OTHER TASK MORE IMPORTANT TO OUR GENERATION THAN MAKING THE MOST OUT OF ALL THE KNOWLEDGE WE HAVE, THE TALENT WE HAVE, THE ENTREPRENEURSHIP THAT WE CAN BRING TO THE TABLE, TO ADDRESS OUR SOCIETAL CHALLENGES.”



Benoit Schillings, X - the moonshot factory, US

Darja Isaksson Vinnova, SE

Sciencepreneurs Night Photo @sup.io_berlin



Venture Jury Q&A

Thane Campbell, Venture Science Doctorate, GB; Lisa Ericsson, KTH Innovation AB, SE & Juliana Lim, SGInnovate, SG

Network with the Falling Walls community

THE CONFERENCE INSIDE THE CONFERENCE

THE GLOBAL FORUM FOR SCIENCEPRENEURS

Sciencepreneurs 2023 convened leading scientists, entrepreneurs, investors, start-ups, and policy makers to investigate how to improve the way science creates economic value for society.



FALLING WALLS VENTURE

Falling Walls Venture is a pitch competition for the most promising science start-ups nominated by academic institutions from across the world. Watch pioneering founders on stage who have turned science into business.



Stefan von Holtzbrinck
Holtzbrinck Publishing Group, DE



Alessandro Grillini
Reyedar, NL



SCIENCE-PRENEURS NIGHT

This exclusive evening event connects the international Falling Walls Venture community with Germanys community of sciencepreneurs in the heart of Berlin.



MEET-UP: Open Innovation in Healthcare

The panelists present new concepts and partnerships in healthcare, which are essential to create an open innovation playing field.



Petra Ritter
Charité and Berlin Institute of Health, DE



Thomas Schildhauer
DUCAH, DE



SPRIND SCIENCEPRENEURSHIP SYMPOSIUM

The SPRIND Sciencepreneurship Symposium brings together thought leaders, policy makers, transfer professionals, entrepreneurs, and executives to discuss key issues and ideas to accelerate the ecosystem and thus enable more science based start-ups.



Mario Brandenburg
Federal Minister of Education and Research, DE



Rafael Laguna de La Vera
Federal Agency for Disruptive Innovation SPRIND, DE



Allison Duettmann
Foresight Institute, US



Thomas Hellmann
Saïd School of Business, University of Oxford, GB



Darja Isaksson
Vinnova, SE



Juliana Lim
SGInnovate, SG



Henry Marx
Senate of Berlin, DE



Benoit Schillings
X, the moonshot factory, US



8

NOVEMBER

CIRCLE





Plenary Table: driving the solar energy transition



Connect with Global Science Leaders



Volkswagen Foundation Symposium for Breakthroughs in Social Sciences & Humanities



Andrea Riccio, Deloitte, NL & Sergei Nirenburg, Rensselaer Polytechnic Institute, US

“THERE’S AN IMPORTANT MESSAGE THERE FOR BREAKING DOWN BARRIERS TO EXPAND ACCESS TO SCIENCE AND MAKE SURE THAT WE’RE USING SCIENCE FOR GOOD EVERYWHERE.”



Alena Buyx, TUM Institute of History and Ethics in Medicine, DE

ASMERET ASEFAW BERHE U.S. Department of Energy, US



Abir Haddad, Institute for Legal Transformation, DE



Else Kröner Fresenius Symposium for Breakthroughs in Life Sciences



Karsten Danielmaier, German Chemical Society, DE; Zainab Kidwai, University of York, GB

DEBATES

FALLING WALLS PLENARY TABLES



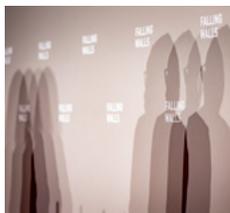
Panel discussions on global challenges with leading international experts and exchanges on necessary next steps along the international scientific agenda.

FALLING WALLS ROUND TABLES



From presentations to open discussions – drawing attention to topics from broader issues in science and society to specific scientific developments.

FALLING WALLS BACKGROUND TABLES



Invitation-only events with global leaders on current developments. Participants interact in open, confidential discussions that enable disruptive thinking.

FALLING WALLS MEET-UPS



Invitation-only events with a strong focus on networking, bringing global science leaders together to connect and develop new ideas.

SYMPOSIA

VOLKSWAGEN FOUNDATION SYMPOSIUM SOCIAL SCIENCES & HUMANITIES



At Falling Walls, the Volkswagen Foundation and WZB Berlin Social Science Center addressed processes of societal transformation with invited scientific experts.

ELSE KRÖNER FRESENIUS SYMPOSIUM LIFE SCIENCES



Supported by the Else Kröner-Fresenius-Stiftung, Falling Walls provided the platform to discuss latest achievements in the field of life sciences.

WILHELM & ELSE HERAEUS FOUND. SYMPOSIUM PHYSICAL SCIENCES



Wilhelm and Else Heraeus Foundation and Falling Walls hosted this unique format to bring together international researchers in such fields as quantum physics, and chemistry.

SPRIND SYMPOSIUM SCIENCE- PRENEURS



The Federal Agency for Disruptive Innovation SPRIND and Falling Walls hosted this format to debate how to improve the transfer of breakthroughs from lab to market.

SCIENCE-
PRENEURS
FORUM

8 NOV FALLING WALLS CIRCLE – DEBATES PLENARY TABLES

Plenary Tables are the centrepiece of the Falling Walls Circle, addressing global challenges in a series of moderated panel discussions.

Leading experts share their perspectives on how science can be employed to benefit humanity and the world around us and which will be the necessary steps on the international scientific agenda. To extend the discourse to our audience, it is possible to contribute questions to the discussion live on site or by chat for visitors of the free livestream.

BECOME
OUR PARTNER
AND JOIN THE
FALLING WALLS
COMMUNITY

Please contact
andreas.kosmider@
falling-walls.com

ENGINEERING & TECHNOLOGY | SCIENCE AND INNOVATION MANAGEMENT



THE IMPLICATIONS OF AI FOR SCIENCE: FRIEND OR FOE?

Moderation
Cat Allman
Digital Science, *US*

Sudeshna Das
Indian Institute of Technology Kharagpur, *IN*

Henning Schönberger
Springer Nature, *DE*

Alena Buyx
TUM Institute of History and Ethics in Medicine, *DE*

Bernhard Schölkopf
Max Planck Institute for Intelligent Systems, *DE*

Benoit Schillings
X, the moonshot factory, *US*

SPRINGER NATURE

PLANETARY HEALTH | SOCIAL SCIENCES AND HUMANITIES



CLIMATE ACTION FUTURE

Moderation
Vivienne Parry
Science Writer & Broadcaster, *GB*

Frederick Fenter
Frontiers, *CH*

Massamba Thiouye
UNFCCC Secretariat, *DE*

Lee Howell
Villars Institute, *CH*

Johan Rockström
Potsdam Institute for Climate Impact Research, *DE*

Lars Peter Riishøjgaard
World Meteorological Organization, *CH*

frontiers

8 NOV FALLING WALLS CIRCLE – DEBATES
PLENARY TABLES

HEALTH & WELLBEING | LIFE SCIENCES



ALTERING MEDICINE BY CELL & GENE THERAPY

Moderation
Johannes Fruehauf
 BioLabs, US

Maria Alfaiete
 Bayer, DE

Wolfram-Hubertus Zimmermann
 University Medical Center Göttingen, DE

Hildegard Büning
 Medizinische Hochschule Hannover, DE

Debora Lucarelli
 Enhanc3D Genomics, GB

Sarah Hedtrich
 Berlin Institute of Health at Charité, DE

BAYER

BIH
 Berlin Institute of Health @Charité

ENGINEERING & TECHNOLOGY | LIFE SCIENCES



HOW GENERATIVE AI CAN REVOLUTIONIZE THERAPY DEVELOPMENT

Moderation
Mariette DiChristina
 Boston University, US

Allison Duettmann
 Foresight Institute, US

Johan Trygg
 Sartorius, DE

Monika Lessl
 Bayer Foundation, DE

David Ruau
 NVIDIA, DE

Mads Nørregaard-Madsen
 Amgen Research Copenhagen, DK

SARTORIUS

ENGINEERING & TECHNOLOGY | PHYSICAL SCIENCES



DRIVING THE SOLAR ENERGY TRANSITION: BUILDING A MORE RESILIENT AND SECURE ENERGY SUPPLY CHAIN

Moderation
Jennifer Porto
 NYU Berlin, DE

Walburga Hemetsberger
 SolarPower Europe, BE

Rutger Schlatmann
 Helmholtz-Zentrum Berlin, DE

Seth Marder
 University of Colorado Boulder & NREL, US

Daniel Menzel
 Meyer Burger, DE

HZB
 Helmholtz Zentrum Berlin

8 NOV FALLING WALLS CIRCLE – DEBATES
PLENARY TABLES

ENGINEERING & TECHNOLOGY | SCIENCE AND INNOVATION MANAGEMENT



TRANSLANTIC SCIENCE BRIDGE IN KEY SCIENCE AND TECHNOLOGY DEVELOPMENTS

Moderation
Eric Isaacs
 Carnegie Science, *US*

Asmeret Asefaw Berhe
 U.S. Department of Energy, *US*

Arik Willner
 DESY, *DE*

Cornelia Denz
 Physikalisch-Technische Bundesanstalt, *DE*

Maria Leptin
 European Research Council, *BE*

Young-Kee Kim
 The University of Chicago, *US*



PHYSICAL SCIENCES | SCIENCE AND INNOVATION MANAGEMENT



PERSPECTIVES AND CHALLENGES IN QUANTUM COMPUTING

Moderation
Jan-Martin Wiarda
 Independent Journalist & Author, *DE*

Juan Ignacio Cirac
 Max-Planck-Institute for Quantum Optics, *DE*

Horst Weiss
 BASF, *DE*

Sabrina Maniscalco
 University of Helsinki, *FI*

Andreas Wallraff
 ETH Zurich, *CH*



HEALTH & WELLBEING | LIFE SCIENCES



PRECISION PREVENTION IN HEALTH: THE POWER OF GENOMICS

Moderation
Eleftheria Zeggini
 Helmholtz Munich, *DE*

Nicola Blackwood
 Genomics England, *GB*

Marc McCarthy
 Genentech, *US*

Nancy Cox
 Vanderbilt Genetics Institute, *US*

Segun Fatumo
 London School of Hygiene and Tropical Medicine, *GB*

David Crosby
 Cancer Research UK, *GB*



8 NOV FALLING WALLS CIRCLE – DEBATES ROUND TABLES

Round Tables bring attention to topics ranging from broader issues in science and society to more specific aspects of scientific development.

Depending on the topic, different methods of communication are used from presentations and interviews to panels and open discussions. In addition to experts from the respective field, the audience at the venue is usually encouraged to participate in the discussion. Most Round Tables are accessible free of charge via livestream.

HEALTH & WELLBEING | LIFE SCIENCES



Moderation
Irene Tracey
University of Oxford, GB

Henry Marx
Senate of Berlin, DE

Elke Schöffner
Charité – Universitätsmedizin Berlin, DE

Melinda Mills
University of Oxford, GB

Diana Rothe +robot RoMi
pi4 Robotics, DE

CHALLENGES AND BEST PRACTICES OF AGEING SOCIETIES

Berlin University Alliance

UNIVERSITY OF OXFORD

HEALTH & WELLBEING | LIFE SCIENCES



Moderation
Stephani Otte
Chan Zuckerberg Initiative, US

Lucy Collinson
The Francis Crick Institute, GB

Sarah Teichmann
Wellcome Sanger Institute, DE

Stephen Quake
Chan Zuckerberg Initiative, US

UNLOCKING THE MYSTERIES OF THE CELL

Chan Zuckerberg Initiative

BECOME OUR PARTNER AND JOIN THE FALLING WALLS COMMUNITY

Please contact andreas.kosmider@falling-walls.com

8 NOV FALLING WALLS CIRCLE – DEBATES ROUND TABLES

ENGINEERING & TECHNOLOGY | PLANETARY HEALTH



OCEAN SOLUTIONS FOR THE CLIMATE CRISIS

Moderation
Andreas Kosmider
Falling Walls Foundation, DE

Katja Matthes
GEOMAR Helmholtz Centre for Ocean Research Kiel, DE

Torben Schreier
Extantia Capital, DE

Peter Schlosser
Arizona State University, US

EMERGING TALENTS | SCIENCE AND INNOVATION MANAGEMENT



TRAINING SCIENTISTS FOR THE FUTURE - IS THE PHD STILL UP TO DATE?

Moderation
Jan-Martin Wiarda
Independent journalist, author & moderator, DE

Alice Aiken
Dalhousie University, CA

Zainab Kidwai
University of York, GB

Karsten Danielmaier
German Chemical Society, DE

Nick Fowler
Elsevier, DE

ELSEVIER

PLANETARY HEALTH | SCIENCE AND INNOVATION MANAGEMENT



PLANETARY BOUNDARY SCIENCE: ADVANCING SCIENCE TO SAVE THE PLANET

Moderation
Jean-Claude Burgelman
Frontiers Planet Prize, CH

Paul Behrens
Leiden University, NL

Johan Rockström
Potsdam Institute for Climate Impact Research, DE

Wendy Broadgate
Earth Commission, SE

Maria Nilsson
Umeå University, SE

frontiers research foundation

8 NOV FALLING WALLS CIRCLE – DEBATES ROUND TABLES

SOCIAL SCIENCES AND HUMANITIES



ENGINEERING & TECHNOLOGY | SCIENCE AND INNOVATION MANAGEMENT



SCIENCE AND INNOVATION MANAGEMENT | SCIENCE ENGAGEMENT



Moderation
Senem Aydin Düzgit
Sabanci University, TR

SIX MONTHS AFTER THE ELECTIONS – TURKEY’S ROLE ON THE INTERNATIONAL ARENA

Hürcan Asli Aksoy
CATS, DE

Fuat Keyman
Sabanci University, TR

Ayşe Bingöl Demir
Turkey Human Rights Litigation Support Project, GB

STIFTUNG MERCATOR

Moderation
Matthias von Kiemannsegg
Vodafone Stiftung Deutschland, DE

UNLEASHING THE POTENTIAL OF AI IN EDUCATION: SHAPING TOMORROW’S LEARNING

Diana Knodet
Fobizz / 101sills, DE

Gergana Vladova
Weizenbaum Institute / University of Potsdam, DE

Niels Pinkwart
Humboldt University of Berlin, DE

Katharina Scheiter
University of Potsdam, DE

Vodafone Stiftung Deutschland weizenbaum institut

Moderation
Vivienne Parry
Science writer and broadcaster, GB

INTEGRATING ETHICS AND PUBLIC ENGAGEMENT INTO SCIENTIFIC DISCOVERY

Lomax Boyd
Berman Institute of Bioethics, US

Anna Middleton
Cambridge University, GB

Jodi Halpern
University of California, Berkeley, US

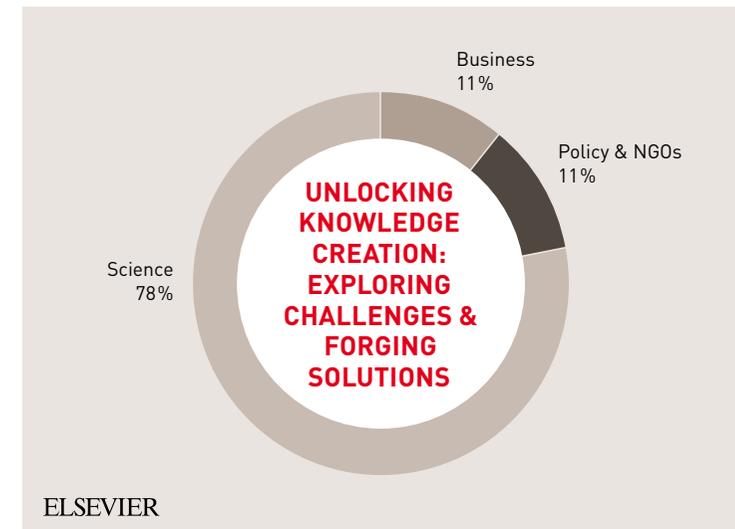
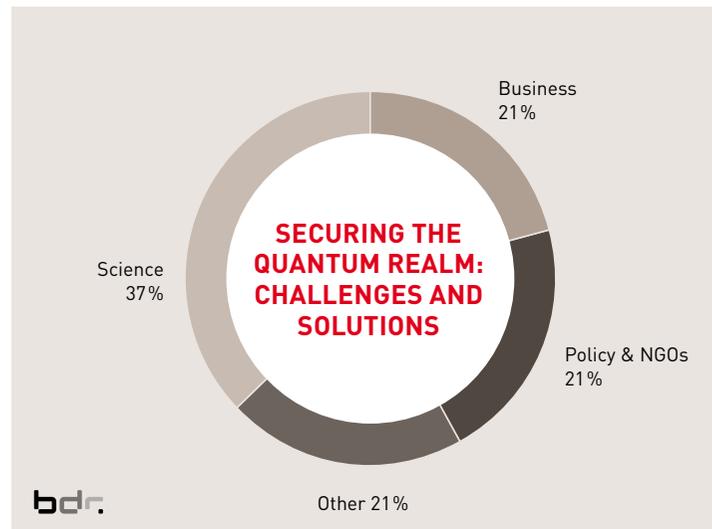
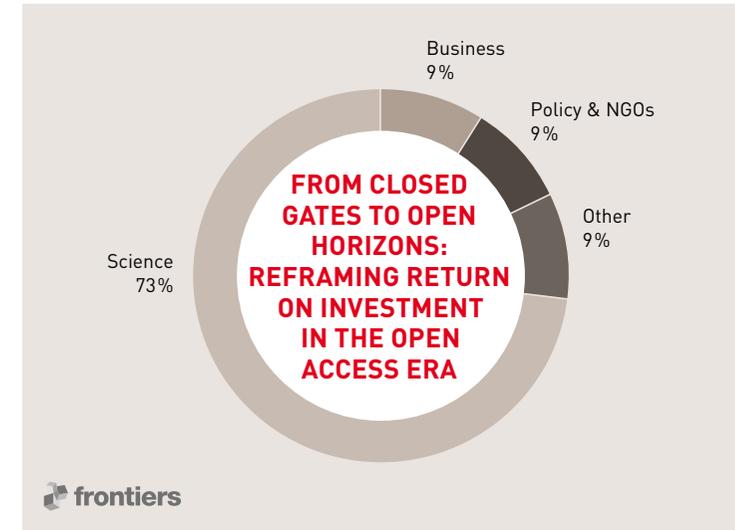
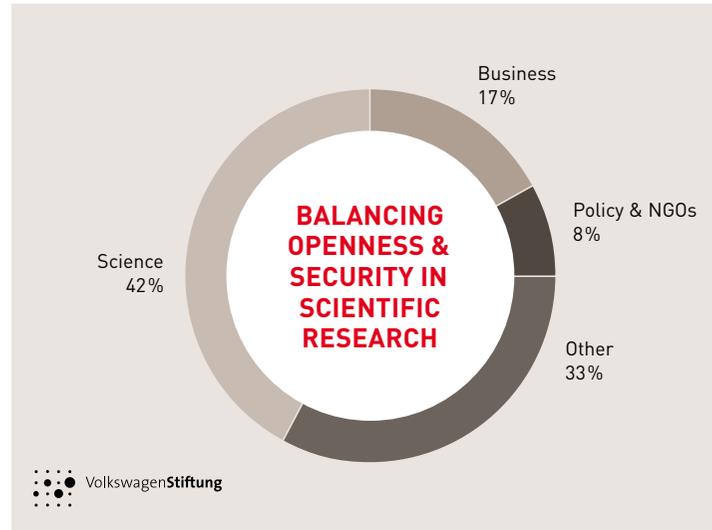
THE KAVLI FOUNDATION

8 NOV FALLING WALLS CIRCLE – DEBATES

BACKGROUND TABLES

Background Tables are invitation-based events bringing together high-profile global leaders to discuss current and future developments in regard to specific challenges of scientific relevance in a moderated exchange.

All participants actively shape the discussion by sharing their ideas, questions, and solutions. The commitment of the attendees to the Chatham House Rule encourages an honest, open discourse, retains its confidentiality and allows for disruptive thinking.



8 NOV FALLING WALLS CIRCLE

MEET-UPS – ENGAGE WITH GLOBAL SCIENCE LEADERS

Invitation-based, closed networking events bringing together global science leaders, rising stars and early-career professionals. All participants are actively involved by sharing their ideas and expertise.



OPEN INNOVATION IN HEALTHCARE

Creating an open innovation playing field by sharing new learnings and partnerships

PARTICIPANTS INCLUDING:

- Flavia Kruse (Moderator) Berlin Partner, DE
- Bert Arnrich Hasso-Plattner-Inst., Univ. of Potsdam, DE
- Petra Ritter Charité Universitätsmedizin Berlin, DE
- Thomas Schildhauer Digital Urban Center for Aging & Health, DE



FEMALE SCIENCE TALENTS

Connect with female leaders and female leading scientists of tomorrow

PARTICIPANTS INCLUDING:

- Abir Haddad (Moderator) Institute for Legal Transformation, DE
- Annika Hauptvogel Siemens AG, DE
- Sicco Lehmann-Brauns Siemens AG, DE
- 40 International Female Talents from Science

SIEMENS



EFFECTIVE ECOSYSTEMS FOR SCIENCE COMMUNICATION

Building an international layer for effective Science Engagement ecosystems

PARTICIPANTS INCLUDING:

- O. Contreras-Villarroel Fundación Ciencia Joven, CL
- Maria Hagardt Vetenskap & Allmänhet, SE
- Brett Hooton Concordia University, CA
- C. Kleidt Fed. Ministry of Education & Research, DE
- A. Loth Berlin School of Public Engagement, DE



FALLING WALLS FEMALE SCIENCE TALENTS

MEET THE FEMALE LEADERS OF TOMORROW



“THE OPPORTUNITY TO NETWORK WITH ROLE MODELS WAS A GREAT PART OF THE PROGRAMME. THIS WAS A GREAT CHANCE TO MEET INTERESTING PEOPLE AND IT BROADENED MY HORIZONS.”

INTENSIVE TRACK PARTICIPANT 2023

Intensive Track

66
APPLICATIONS
30
COUNTRIES

Women Breakthrough Award

82
APPLICATIONS
39
COUNTRIES

94
ORGANISATIONS

20
ANNUAL CHAMPIONS
IN THE INTENSIVE
TRACK

4
WOMEN BREAKTHROUGH
AWARD WINNERS IN 3
CATEGORIES (INNOVATION,
GENDER MAINSTREAMING
& EMPOWERMENT)

700+
WORKSHOP PARTICIPANTS
IN A GROWING COMMUNITY



The programme empowers visionary women with a strong research background to take up a leadership role in science, business or society. Falling Walls promotes responsible leadership, diversity of talent, and encourages participants to become part of an international network of outstanding female science talents.

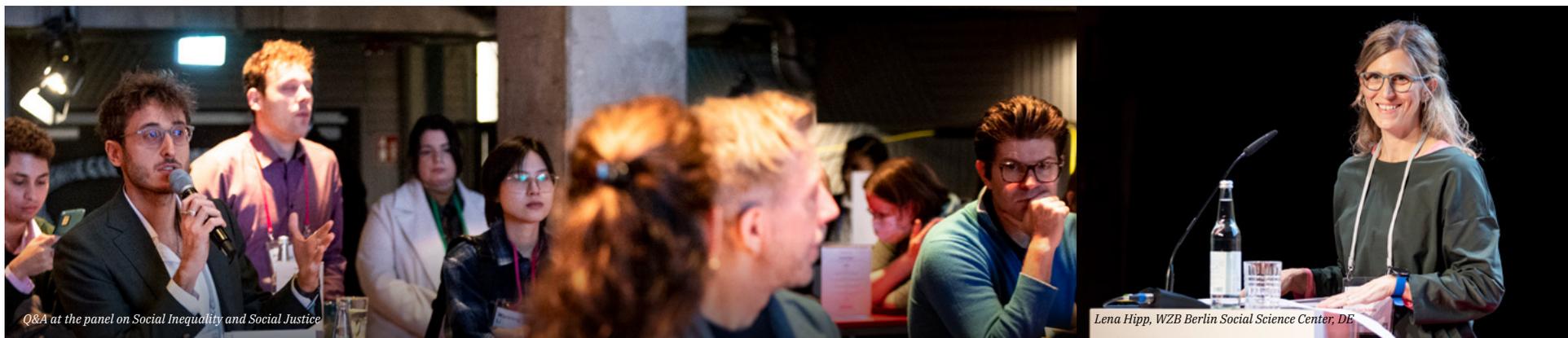
OUR ACTIVITIES:

- Leadership Skill Webinar Series
- International Spring Gathering in Berlin – Workshops and Talks
- International Fall Gathering in Berlin – Workshops and Talks
- Talent Meet-Up at the Falling Walls Science Summit
- Mentoring
- The Women Breakthrough Award including a Gala Dinner



8 NOV FALLING WALLS CIRCLE – SYMPOSIA

VOLKSWAGEN FOUNDATION SYMPOSIUM ON SOCIAL SCIENCES & HUMANITIES



Q&A at the panel on Social Inequality and Social Justice

Lena Hipp, WZB Berlin Social Science Center, DE

PANEL I: THE SOCIAL SCIENCES AND HUMANITIES OF THE FUTURE ON TECHNOLOGICAL PROGRESS AND AI

Alena Buyx TUM Institute of History and Ethics in Medicine, *DE*

Matthias Braun Breaking the Wall to Bodily Integrity in the Digital Age, University of Bonn, *DE*

Sergei Nirenburg Breaking the Wall to Ethical Artificial Intelligence, Rensselaer Polytechnic Institute, *US*

Sudeshna Das Breaking the Wall to Identifying Gender Biases with the Help of AI, Indian Institute of Technology Kharagpur, *IN*

PANEL II: THE SOCIAL SCIENCES AND HUMANITIES OF THE FUTURE ON PRESERVING OUR PLANET IN TIMES OF CLIMATE CHANGE

Lee Howell Breaking the Wall to Eco-Ambition, Villars Institute, *CH*

Laura Martin Breaking the Wall to Ecological Restoration, Williams College, *US*

Paul Behrens Breaking the Wall to Transforming Our Food System, Leiden University, *NL*

PANEL III: THE SOCIAL SCIENCES AND HUMANITIES OF THE FUTURE ON SOCIAL INEQUALITY AND SOCIAL JUSTICE

Arline Geronimus Breaking the Wall to Population Health Equity, University of Michigan, *US*

Pumla Gqola Breaking the Wall of The Female Fear Factory, Nelson Mandela University, *ZA*

Other formats:

INTERDISCIPLINARY SPEAKERS CORNERS ON NEW RESEARCH PERSPECTIVES AND FUTURE DIRECTIONS

Further active participants:

Corinne Heaven WZB Berlin Social Science Center, *DE*

Mona Weyrauch Volkswagen Foundation, *DE*

Lena Hipp WZB Berlin Social Science Center, *DE*

Sarah Scheidmantel University of Zurich, *CH*

Lucia Sommerer Martin Luther University of Halle-Wittenberg, *DE*

Michelle Renz HafenCity University Hamburg, *DE*

Davina Höll Uni Mainz, *DE*

Nadine Knab Tel Aviv University, *IL*

Moderation:

Racha Kirakosian Albert-Ludwigs-University Freiburg, *DE*

Nick Schäfer Falling Walls Foundation, *DE*

WZB

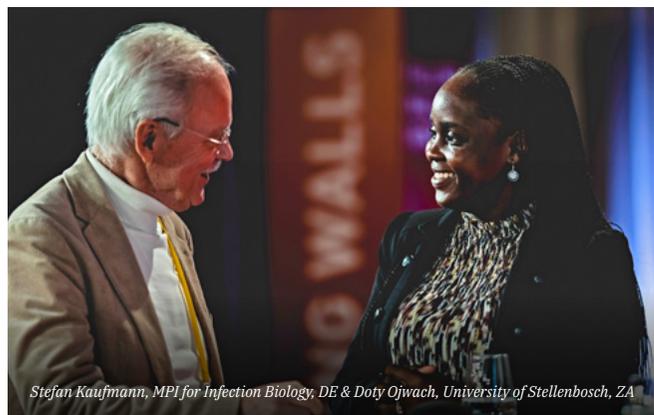
Social Science Research Center
Berlin



VolkswagenStiftung

8 NOV FALLING WALLS CIRCLE – SYMPOSIA

ELSE KRÖNER FRESENIUS SYMPOSIUM ON LIFE SCIENCES



DISEASES OF WORLDWIDE SIGNIFICANCE

Peter Crompton Malaria Prevention with Monoclonal Antibodies, National Institutes of Health, *US*

Marc Dewey Noninvasive Imaging of Coronary Artery Disease, Charité Universitätsmedizin Berlin, *DE*

Sophie Heuer A New Concept of Cancer, Frank Winkler Lab – University of Heidelberg, *DE*

Doty Ojwach Placental, Immune Cells and Maternal HIV Infection, University of Stellenbosch, *ZA*

KEYNOTE

Akiko Iwasaki Breaking the Wall of Long Covid, Yale University, *US*

BREAKTHROUGH TECHNOLOGIES IN LIFE SCIENCES

Tobias Erb Photosynthesis 2.0, Max Planck Institute for Terrestrial Microbiology, *DE*

Claudia Höbartner Molecular Evolution of RNA-modifying Ribozymes, University of Würzburg, *DE*

Karen Christman Cost-Effective, Minimally-Invasive Regenerative Medicine, University of California San Diego, *US*

Pieter Roelfsema Visual Brain Prosthesis for Blind Users Netherlands Institute for Neuroscience, *NL*

KEYNOTE

Chuan He Breaking the Wall of Chromatin Regulation through Reversible RNA Methylation, The University of Chicago, *US*

Panel Discussion:

BREAKTHROUGH TECHNOLOGIES x WORLDWIDE DISEASES: lessons, challenges, chances

Peter Crompton National Institutes of Health, *US*
Stefan Kaufmann Max Planck Institute for Infection Biology, *DE*
Chuan He University of Chicago, *US*

Other formats:

PANEL DISCUSSION

Moderation:

Alison Abbott Freelance Journalist, *DE*

8 NOV FALLING WALLS CIRCLE – SYMPOSIA

WILHELM AND ELSE HERAEUS FOUNDATION SYMPOSIUM ON PHYSICAL SCIENCES



Keshav Dani, Okinawa Institute of Science and Technology, US



Speaker Corners

WINNER PITCHES

Amran Al-Ashouri Breaking the Wall to the Limitation of the Electricity Generation from Sunlight, Helmholtz-Zentrum Berlin, *DE*

Keshav Dani Breaking the Wall to Imaging the Momentum-Forbidden Dark Excitons, Okinawa Institute of Science and Technology, *US*

Valentina Emiliani Breaking the Wall to Neural Circuit Manipulation at Cellular Resolution, Vision Institute, CNRS, *FR*

Leo Gross Breaking the Wall to Resolving Single Molecules, IBM Research Europe, *CH*

Vivek Polshettiwar Breaking the Wall of CO₂ Net Zero Using Black Gold, TIFR, *IN*

Libor Šmejkal Breaking the Wall to Magnetic Quantum Matter, Johannes Gutenberg University Mainz, *DE*

Arne Thomas Breaking the Wall to Store the Energy of Sunlight, Technische Universität Berlin, *DE*

NEXT GENERATION RESEARCHER PITCHES

Atreyee Banerjee Max Planck Institute for Polymer Research, *DE*

Conor Crawford Max Planck Institute of Colloids & Interfaces, *DE*

David Kulla

Max Planck Institute for Plasma Physics, *DE*

Poonam Singh

Max Born Institute Berlin, *DE*

Other formats:

**SPEAKER CORNERS
NETWORKING**

Further active participants:

Stefan Jorda Wilhelm and Else Heraeus Foundation, *DE*

Moderation:

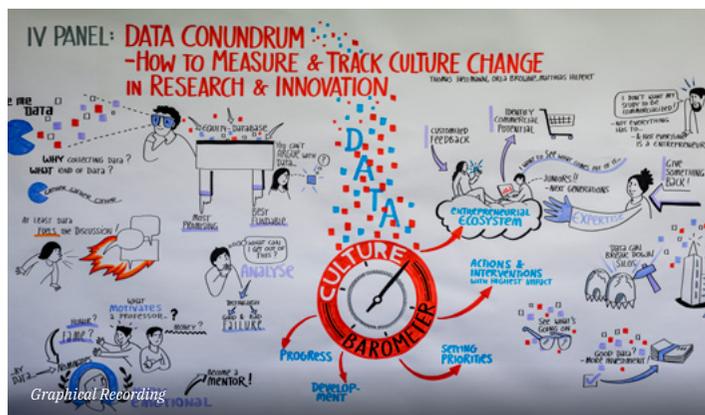
Oliver Benson Humboldt University of Berlin, *DE*

Thomas Elsaesser Max Born Institute, *DE*



8 NOV FALLING WALLS CIRCLE – SYMPOSIA

SPRIND SYMPOSIUM ON SCIENCEPRENEURSHIP



SCIENCE-
PRENEURS
FORUM

TALENT DEVELOPMENT SYSTEMS TO CULTIVATE SCIENCEPRENEURSHIP AND DEEP TECH INNOVATIONS

Thane Campbell Venture Science Doctorate, *GB*
Lisa Ericsson KTH Innovation AB, *SE*
Juliana Lim SGIInnovate, *SG*
Alessandro Grillini Breakthrough of the Year in the category Science Start-up, Reyedard, *NL*

HOW TO SHAPE AND LEAD INNOVATION-DRIVEN ORGANISATIONS IN SCIENCE & RESEARCH FOR MORE SCIENCEPRENEURSHIP?

Julia Borggräfe Metaplan, *DE*
Rafael Laguna de La Vera Federal Agency for Disruptive Innovation SPRIND, *DE*
Henry Marx Senate of Berlin, *DE*
Benoit Schillings X, the moonshot factory, *US*

THE DATA CONUNDRUM: HOW TO MEASURE AND TRACK CULTURE CHANGE IN RESEARCH & INNOVATION?

Orla Browne Dealroom.co, *GB*
Thomas Hellmann Saïd School of Business, University of Oxford, *GB*
Matthias Hilpert MH2 CAPITAL, *DE*

NEXT-GENERATION INNOVATION POLICIES TO EFFECTUATE CULTURE CHANGE IN SCIENCE & RESEARCH

Mario Brandenburg Federal Minister of Education and Research, *DE*
Frank Buchholz Technical University of Dresden, *DE*
Allison Duettmann Foresight Institute, *US*
Darja Isaksson Vinnova, *SE*

Other formats:

GRAPHICAL RECORDING
KEYNOTE

Further active participants:

Stefan Jorda Wilhelm and Else Heraeus Foundation, *DE*

Moderator:

Aidan McCullan The Innovation Show, *IE*

SPRIND

9

NOVEMBER

BREAK-THROUGHS



FALLING WALLS
SCIENCE SUMMIT

Address the Urban Materiality problem

WHICH ARE THE NEXT WALLS TO FALL?

WHICH ARE THE NEXT WALLS TO FALL?

FALLING WALLS



*Breakthrough of the Year in Physical Sciences:
Libor Šmejkal, Johannes Gutenberg University Mainz, DE*



*Breakthrough of the Year in Social Science & Humanities:
Pumla Gqola, Nelson Mandela University, ZA*



*Jürgen Mynek, Falling Walls Foundation, DE &
Menahem Ben-Sasson, The Hebrew University of Jerusalem, IL*



*Alexandra Antoniouk, Institute of Mathematics,
National Academy of Sciences of Ukraine, UA*

“WE ARE ON A SPRINT. WE ARE RUNNING OUT OF TIME. WE ARE IN A CRISIS. YOU REALLY NEED TO HAVE FALLING WALLS TO HAVE ANY CHANCE OF REALLY ACCELERATING CHANGE SO THAT WE CAN HAVE A MANAGEABLE FUTURE.”

Johan Rockström *Potsdam Institute for Climate Impact Research, DE*



Matthias Tschöp, Helmholtz Munich, DE with mime Klaus Franz



*Bettina Stark-Watzinger, Ministry of Education and Research, DE &
Breakthrough of the Year in Science Engagement: Yamilee Toussaint, STEM From Dance, US*



*Quadrupedal Robot as part of the presentation from
Marco Hutter, ETH Zurich, CH*



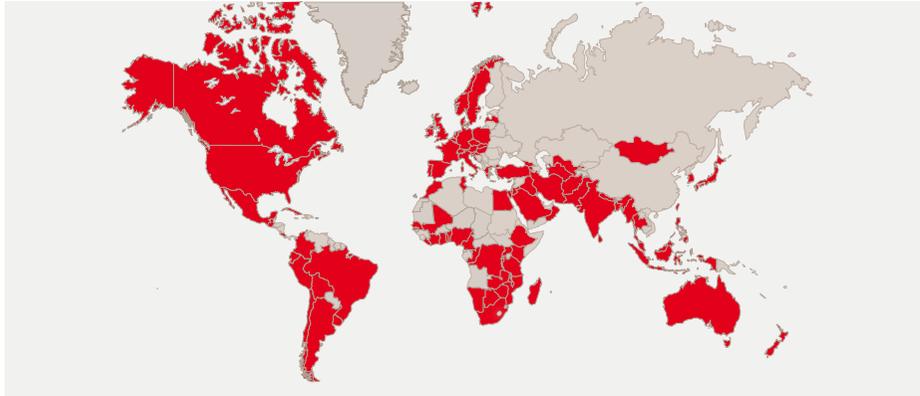
Joseph Bedard, Dalhousie University, CA



Breakthrough of the Year in Art & Science: Elaine Chew, Kings College London, GB

FALLING WALLS SCIENCE BREAKTHROUGHS OF THE YEAR

IDENTIFYING AND HONOURING BREAKTHROUGH RESEARCH



GLOBAL CALL



Leading academics as well as universities, research organisations, companies, foundations, and research institutes are called to nominate breakthrough projects in nine categories. The renowned juries, chaired by Helga Nowotny, President Emeritus of the European Research Council, identify the best submissions.



THE GRAND FINAL

FALLING WALLS BREAKTHROUGHS OF THE YEAR



On 9 Nov, the anniversary of the historic fall of the Berlin Wall, the Breakthrough Day provides a stage for “the brightest minds on the planet” (BBC) in Berlin. Outstanding research is showcased in 15-minute presentations focusing on the question, “What are the next walls to fall in science and society?”.

THE GLOBAL CALL FOR NOMINATIONS PROCESS

IDENTIFYING OUTSTANDING BREAKTHROUGHS

GLOBAL CALL

to all research institutions worldwide

984 NOMINATIONS

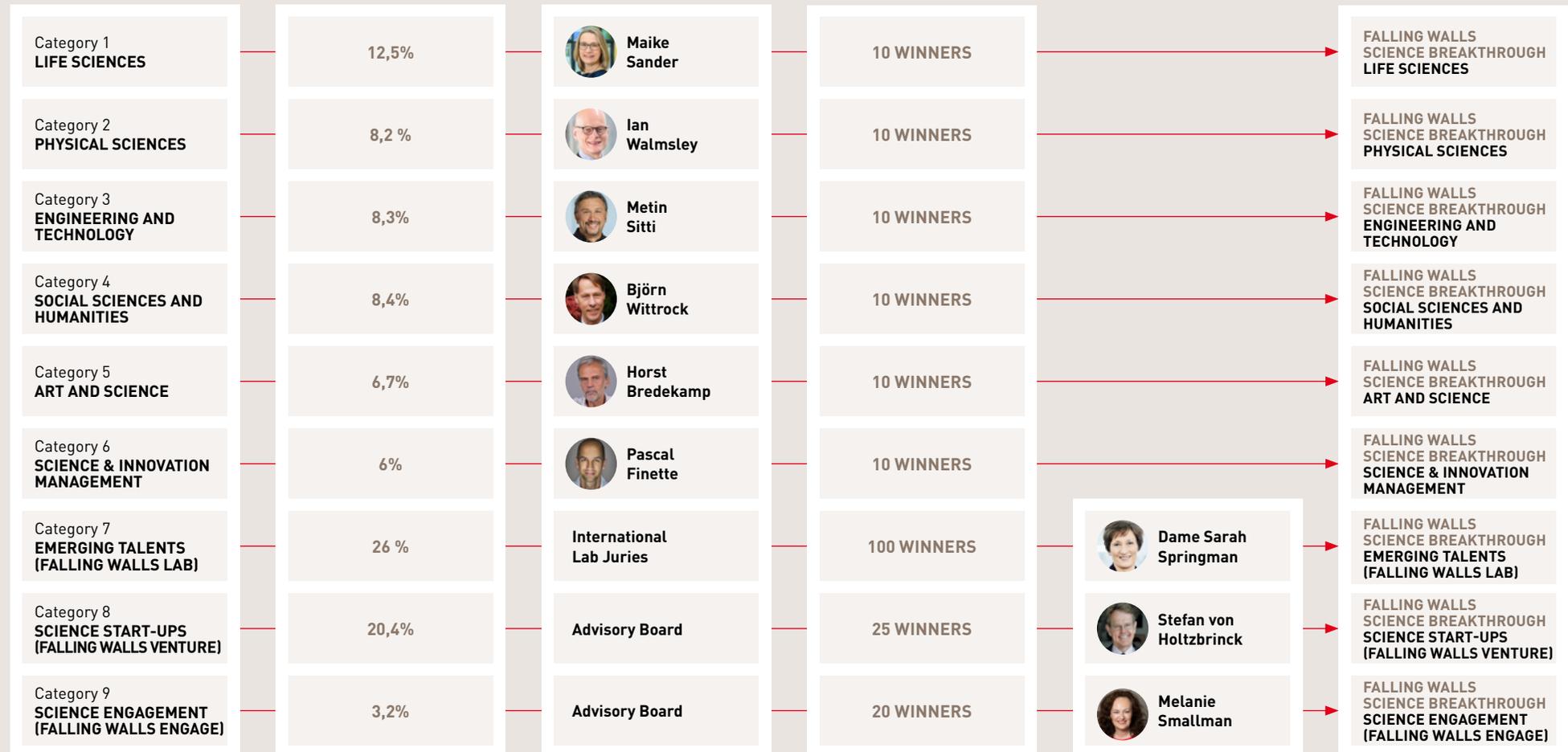
from 100 countries and 286 institutions

9 JURY CHAIRS

 **Helga Nowotny**
Chair of the Chairs

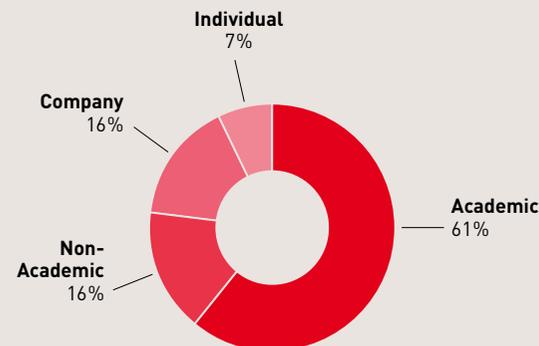
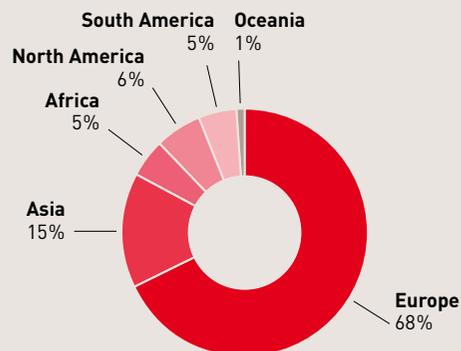
205 WINNERS shortlisted

9 SCIENCE BREAKTHROUGHS OF THE YEAR



SEARCHING FOR THE SCIENCE BREAKTHROUGHS OF THE YEAR

WORLD-CLASS NOMINATING INSTITUTIONS



EUROPE

University of Bern, *CH*
 Chalmers University of Technology, *SE*
 Università degli Studi di Milano-Bicocca, *IT*
 CNRS, *FR*
 University of Bologna, *IT*
 Cardiff University, *GB*
 Erasmus University Rotterdam, *NL*
 Utrecht University, *NL*
 ETH Zurich, *CH*

GERMANY

Johannes Gutenberg University, *DE*
 Charité - Universitätsmedizin Berlin, *DE*
 Max Planck Society, *DE*
 Technical University of Munich, *DE*
 Federal Agency for Disruptive Innovation SPRIND, *DE*
 Holtzbrinck Publishing Group, *DE*

Federal Ministry of Education and Research, *DE*

Technische Universität Berlin, *DE*
 Humboldt University of Berlin, *DE*

AFRICA

Stellenbosch University, *ZA*
 University of Cape Town, *ZA*
 Kilimanjaro Clinical Research Institute, *TZ*

NORTH AMERICA

Massachusetts Institute of Technology, *US*
 New York University, *US*
 Google X, *US*
 California Institute of Technology, *US*
 University of California San Diego, *US*
 Queen's University, *CA*
 Dalhousie University, *CA*
 Tecnológico de Monterrey, *MX*

SOUTH AMERICA

National University of Córdoba, *AR*
 Universidad Católica de Salta, *AR*
 IPT - Institute for Technological Research, *BR*
 Universidade Federal do Rio Grande do Norte - UFRN, *BR*

OCEANIA

Australian National University, *AU*
 University of Melbourne, *AU*

ASIA

Ben-Gurion University, *IL*
 The Chinese University of Hong Kong, *HK*
 Indian Institute of Technology Kharagpur, *IN*
 Nanyang Technological University, *SG*
 Seoul National University, *KR*
 And many more...

OUR DISTINGUISHED JURY 2023

EXPERTISE IN ALL CATEGORIES

CHAIR OF THE CHAIRS



HELGA NOWOTNY
Former President
European Research Council, *AT*

LIFE SCIENCES



MAIKE SANDER
Max-Delbrück-Centrum, *DE*

PHYSICAL SCIENCES



IAN WALMSLEY
Imperial College London, *GB*

ENGINEERING & TECHNOLOGY



METIN SITTI
MPI Intell. Systems, *DE*

SOCIAL SCIENCES & HUMANITIES



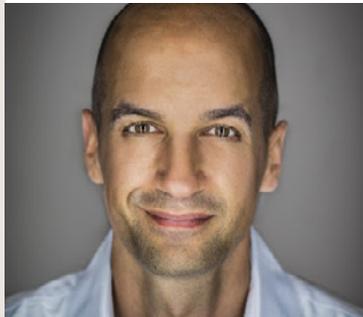
BJÖRN WITTRÖCK
Swedish Collegium for Advanced
Study, *SE*

ART & SCIENCE



HORST BREDEKAMP
Humboldt University of Berlin, *DE*

SCIENCE & INNOVATION MANAGEMENT



PASCAL FINETTE
be radical, *US*

EMERGING TALENTS | FALLING WALLS LAB



DAME SARAH SPRINGMAN
St Hilda's College, Oxford, *GB*

SCIENCE START-UPS | FALLING WALLS VENTURE



STEFAN VON HOLTZBRINCK
Holtzbrinck Publishing Group, *DE*

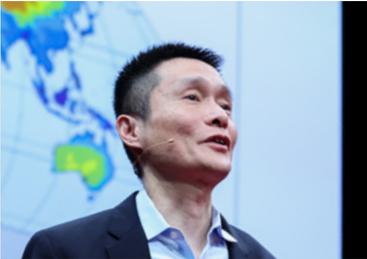
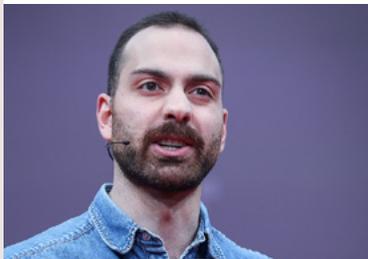
SCIENCE ENGAGEMENT | FALLING WALLS ENGAGE



MELANIE SMALLMAN
University College London, *GB*

FALLING WALLS SCIENCE BREAKTHROUGHS OF THE YEAR 2023

MOST INNOVATIVE BREAKTHROUGHS WORLDWIDE

<p>LIFE SCIENCES</p>  <p>BREAKING THE WALL TO A NEW GREEN REVOLUTION</p> <p>CHUAN HE The University of Chicago, <i>US</i></p>	<p>PHYSICAL SCIENCES</p>  <p>BREAKING THE WALL TO QUANTUM MAGNETS</p> <p>LIBOR ŠMEJKAL Johannes Gutenberg University Mainz, <i>DE</i></p>	<p>ENGINEERING & TECHNOLOGY</p>  <p>BREAKING THE WALL OF DECARBONISATION</p> <p>CAO THANG DINH Queen's University, <i>CA</i></p>	<p>SOCIAL SCIENCES & HUMANITIES</p>  <p>BREAKING THE WALL OF FEMALE FEAR FACTORY</p> <p>PUMLA DINEO GQOLA Nelson Mandela University, <i>ZA</i></p>	<p>ART & SCIENCE</p>  <p>BREAKING THE WALL TO MUSICAL MEDICINE</p> <p>ELAINE CHEW King's College London, <i>GB</i></p>
<p>SCIENCE & INNOVATION MANAGEMENT</p>  <p>BREAKING THE WALL TO DEMOCRATISED AI</p> <p>ROBERT KACZMARCZYK LAION, <i>DE</i></p>	<p>EMERGING TALENTS FALLING WALLS LAB</p>  <p>BREAKING THE WALL OF ALTERNATIVE PLASTICS</p> <p>JOSEPH BEDARD Dalhousie University, <i>CA</i></p>	<p>SCIENCE START-UPS FALLING WALLS VENTURE</p>  <p>BREAKING THE WALL TO EARLY DETECTION OF DEGENERATIVE DISEASES</p> <p>ALESSANDRO GRILLINI Reyedar, <i>NL</i></p>	<p>SCIENCE ENGAGEMENT FALLING WALLS ENGAGE</p>  <p>BREAKING THE WALL TO DIVERSITY IN STEM THROUGH DANCE</p> <p>YAMILÉE TOUSSAINT STEM From Dance, <i>US</i></p>	

9 NOV FALLING WALLS BREAKTHROUGH DAY

BE INSPIRED & NETWORK WITH GLOBAL SCIENCE LEADERS



KEYNOTE

BETTINA STARK-WATZINGER
Ministry of Education and Research, *DE*



KEYNOTE

MENAHEM BEN-SASSON
The Hebrew University of Jerusalem, *IL*



KEYNOTE

ALEXANDRA ANTONIOUK
Institute of Mathematics, National Academy of Sciences of Ukraine, *UA*



BREAKING THE WALL OF EARTHQUAKES

FABRICE COTTON
GFZ Potsdam, *DE*



BREAKING THE WALL OF PARKINSON

THOMAS GASSER
Hertie-Institute for Clinical Brain Research and University of Tübingen, *DE*



BREAKING THE WALL TO MAPPING THE MILKY WAY

AMINA HELMI
University of Groningen, *NL*



BREAKING THE WALL TO INTELLIGENT MOBILE ROBOTS

MARCO HUTTER
ETH Zurich, *CH*



BREAKING THE WALL TO ATTOSECONDS

FERENC KRAUSZ
MPI Quantum Optics and LMU Munich, *DE*



BREAKING THE WALL TO HUMANE ARCHITECTURE

ANUPAMA KUNDOO
Independent Architect, *IN*



BREAKING THE WALL TO ORGANOCATALYSIS

BENJAMIN LIST
Max-Planck-Institut für Kohlenforschung, *DE*



BREAKING THE WALL TO LIMITLESS ENERGY

TAMMY MA
National Ignition Facility, *US*



BREAKING THE WALL TO INFLATION

ULRIKE MALMENDIER
University of California Berkeley, *US*



BREAKING THE WALL TO INVENTION MACHINES

BENOIT SCHILLINGS
X, the moonshot factory, *US*



BREAKING THE WALL OF OBESITY

MATTHIAS TSCHÖP
Helmholtz Munich, *DE*

FALLING WALLS SCIENCE SUMMIT VIA LIVESTREAM 2023

LIVE WORLDWIDE: JOIN THE SUMMIT REMOTE ONLINE!



**8 LIVESTREAMS
TO FOLLOW
CUTTING-EDGE SCIENCE**

7 NOV PITCHES

- 1 LAB
- 2 VENTURE

8 NOV DEBATES & SYMPOSIA

- 3 PLENARY TABLES
- 4 ROUND TABLES
- 5 SCIENCEPRENEURS 2023 /
SPRIND SYMPOSIUM
- 6 ELSE KRÖNER FRESENIUS
SYMPOSIUM
- 7 WILHELM AND ELSE
HERAEUS SYMPOSIUM

9 NOV BREAKTHROUGHS

- 8 20 BREAKTHROUGHS
ON STAGE

CONTENT LIBRARY: THE PERMANENT STAGE 24/7

EASY ACCESS: ALL DIGITAL CONTENT AT A GLANCE

The world of science and research on one digital platform: All digital resources and sessions from the Falling Walls Science Summit 2023 are hosted in our exclusive content library. Due to easy access and meaningful cross-referencing, this platform guarantees an inspiring experience about amazing breakthroughs in science.

Although the Science Summit 2023 is over, our extensive content library is a thrilling attraction for a global audience day by day. Since its launch in 2020, approximately 1,000+ videos of researchers presenting and discussing their scientific breakthroughs have made the library an ever-growing resource for finding and sharing knowledge and innovation.

Visit: falling-walls.com/discover

The screenshot displays the 'FALLING WALLS DISCOVER' website interface. At the top, there's a navigation bar with the site name and a search icon. Below the navigation, a 'FIND YOUR CONTENT' section welcomes users and prompts them to search. A search bar is visible with the text 'SEARCH FOR...'. The main content area shows a grid of 16 video thumbnails, each with a play button icon and a title. The titles include: 'LUMINESCENT HEAT ENGINE: BREAKING THE WALL TO ZERO-EMISSION ELECTRICITY FROM WASTE HEAT', 'REVERION: BREAKING THE WALL TO CLIMATE POSITIVE POWER REVERION', 'THOMAS GASSER: BREAKING THE WALL OF PARKINSON THOMAS GASSER', 'THOMAS GASSER AND FERENC KRAUSZ IN CONVERSATION THOMAS GASSER, FERENC KRAUSZ', 'FERENC KRAUSZ: BREAKING THE WALL TO ATToseconds FERENC KRAUSZ', 'YAMILÉE TOUSSAINT: BREAKING THE WALL TO DIVERSITY IN STEM THROUGH DANCE YAMILÉE TOUSSAINT', 'ELAINE CHEW: BREAKING THE WALL TO MUSICAL MEDICINE ELAINE CHEW', 'CHUAN HE: BREAKING THE WALL TO A NEW GREEN REVOLUTION CHUAN HE', 'ULRIKE MALMENDIER: BREAKING THE WALL TO INFLATION ULRIKE MALMENDIER', 'MARCO HUTTER: BREAKING THE WALL TO INTELLIGENT MOBILE ROBOTS MARCO HUTTER', 'ROBERT KACZMARCZYK: BREAKING THE WALL TO DEMOCRATISED AI CHRISTOPH SCHÜHMANN, RICHARD YENCU, ROMAIN BEAUMONT, ROBERT KACZMARCZYK & JENIA JITSEV', 'ANUPAMA KUNDOO: BREAKING THE WALL TO HUMANE ARCHITECTURE ANUPAMA KUNDOO', 'MATTHIAS TSCHÖP: BREAKING THE WALL OF OBESITY MATTHIAS TSCHÖP', 'BENJAMIN LIST: BREAKING THE WALL TO ORGANOCATALYSIS BENJAMIN LIST', 'BENOIT SCHILLINGS: BREAKING THE WALL TO INVENTION MACHINES BENOIT SCHILLINGS', 'TAMMY MA: BREAKING THE WALL TO LIMITLESS ENERGY TAMMY MA', 'LIBOR ŠMEJKAL: BREAKING THE WALL TO QUANTUM MAGNETS LIBOR ŠMEJKAL', 'PUMLA GOOLA: BREAKING THE WALL OF THE FEMALE FEAR FACTORY PUMLA GOOLA', 'FABRICE COTTON: BREAKING THE WALL OF EARTHQUAKES FABRICE COTTON', 'AMINA HELMI: BREAKING THE WALL TO MAPPING THE MILKY WAY AMINA HELMI', 'SPRING SCIENCEPRENEURSHIP SYMPOSIUM ALLISON-MERCEDES DUETTSMANN, BENOIT SCHILLINGS, DARJA ISAKSSON, JULIANA LIM, LEA ERICSSON, ORLA CATHERINE BROWNE, RAQUEL LAGUNA DE LA VERA, THOMAS FREDERIK HELLMANN, THANE CAMPBELL, HENRY MARX, JULIA BORGRÄFE, MATTHIAS HILPERT, MARIO BRANDENBURG, FRANK BUCHHOLZ, AIDAN MCCULLEN', 'ELSE KRÖNER FRESENIUS SYMPOSIUM FOR BREAKTHROUGHS IN LIFE SCIENCES AKIKO IWASAKI, CLAUDIA HÖBARTNER, CHUAN HE, DOTY DZWACH, KAREN CHRISTMAN, MARC DEWEY, PETER CROMPTON, PIETER HOELPSEMA, SOPHIE HEUER, TOBIAS ERG, ALISON ABBOTT', 'INTERGRATING ETHICS AND PUBLIC ENGAGEMENT INTO SCIENTIFIC DISCOVERY JODI HALPERN, ANNA MIDDLETON, LOMAX BOYD, YVIERNE PARRY', and 'UNLEASHING THE POTENTIAL OF AI IN EDUCATION: SHAPING TOMORROW'S LEARNING DIANA KNODEL, KATHARINA SCHEITER, GERDANA VLAĐOVA, NIELS PINKWART, MATTHIAS DRAF VON KIELMANSSEGG'. The left sidebar contains filters for 'MEDIA TYPE' (Videos: 11,291; Articles: 796) and 'TOPIC' (Emerging Talents: 2081; 2023: 2229; Life Sciences: 1643; Winner: 163; Science Engagement: 1188; 2023 Winner: 1505; Engineering & Technology: 1153; Science Start-Ups: 1342; 2023: 198; Physical Sciences: 173; Social Sciences and Humanities: 182; Future Learning: 102; 2023 Winner | Emerging Talents: 178; Global Call Winner: 170; 2023 | Winner Interviews: 68). There is also a '+ YEAR' filter.

10

NOVEMBER

UNCONFERENCE

THE NEW FOURTH DAY OF THE SUMMIT

NEW: UNEXPECTEND, UNIVERSAL, UNCONFERENCE

This non-agenda-format is loved both by its audience (who shapes it) and its organizers (who relax, at least a bit). Whatever the first three days inspired may be debated to set the agenda for the future. Thanks to our premier partners Research.Table Professional Briefing and Pfizer.

**“THINKING ABOUT THE
IMPOSSIBLE AND MAKING
THE IMPOSSIBLE WORK.”**

Jean-Claude Burgelman *Frontiers Planet Prize, CH*





RESULTS

THE FALLING WALLS WORLD MAP 2023

149 COUNTRIES – A WORLDWIDE AUDIENCE



Due to the Russian aggression in Ukraine, no official representatives of Russia were admitted. The livestream was globally accessible and not restricted..

The global interest in science continues to grow. In 2022 we reached 130 countries and in 2023 we were able to spread the content to even more countries.

PARTICIPANT SURVEY 2023

SATISFACTION: VERY HIGH AGAIN



95%

of the visitors would like to attend again.



Yes

5%
No

97%

rated the overall impression as good or excellent.



Excellent/
good

3%
Average

94%

of the participants think that the Science Summit positively contributes to the reputation of Germany and Berlin as a hub for science and research



Excellent/
good

6%
Average

COVERAGE OF FALLING WALLS IN INTERNATIONAL MEDIA

MEDIA CONTACTS REACHED WORLDWIDE

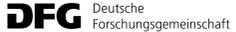
	ASIAN SCIENTIST	Berliner Zeitung		
	Forbes	Forschung & Lehre <small>ALLES WAS DIE WISSENSCHAFT BEWEGT</small>	Frankfurter Allgemeine <small>ZEITUNG FÜR DEUTSCHLAND</small>	GIT LABOR- FACHZEITSCHRIFT
knowable <small>MAGAZINE FROM ANNUAL REVIEWS</small>	mdr WISSEN	nature	Neue Zürcher Zeitung	NewScientist
radioeins <small>rbb</small>		SCIENCE BUSINESS®	Spektrum <small>der Wissenschaft</small>	
SWR» WISSEN		TAGESSPIEGEL		
	Wiley Analytical Science	ZEITUNG ONLINE	ZME SCIENCE	...and many more.

OUR PARTNERS & SUPPORTERS

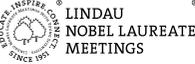
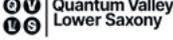
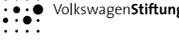
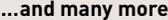
THANK YOU!

BECOME
OUR PARTNER
AND JOIN THE
FALLING WALLS
COMMUNITY

Please contact
andreas.kosmider@
falling-walls.com

 <p>Bundesministerium für Bildung und Forschung</p>	 <p>BERLIN </p> <p>Senate Department for Higher Education and Research, Health, Long-Term Care and Gender Equality</p>	 <p>Robert Bosch Stiftung</p>	 <p><i>für Natur</i> MUSEUM FÜR NATURKUNDE BERLIN</p>		
 <p>AAAS</p>	 <p>academics.com Bright minds. Bright opportunities.</p>	 <p>ASIANSCIENTIST</p>	 <p>BASF We create chemistry</p>	 <p>BAYER</p>	 <p>BIH Berlin Institute of Health @ Charité</p>
 <p>BERLIN </p> <p>BERLIN PARTNER for Business and Technology</p>		 <p>Berlin University Alliance</p>	 <p>STIFTUNG BERLINER MAUER</p>	 <p>BIONTECH</p>	 <p>BLUE RIBBON PARTNERS</p>
 <p>Boehringer Ingelheim</p>	 <p>bdr.</p>	 <p>Carl Zeiss Stiftung</p>	 <p>CARNEGIE SCIENCE</p>	 <p>Chan Zuckerberg Initiative</p>	 <p>DESY</p>
 <p>DEUTSCHES HERZZENTRUM BERLIN STIFTUNG DES BÜRGERLICHEN RECHTS</p>	 <p>DZNE</p>	 <p>DIE ZEIT VERLAGSGRUPPE</p>	 <p>Else Kröner Fresenius Stiftung</p>	 <p>ELSEVIER</p>	 <p>Kingdom of the Netherlands</p>
 <p>euraxess RESEARCHERS IN MOTION</p>	 <p>erc European Research Council Established by the European Commission</p>	 <p>EXTANTIA</p>	 <p>Federal Foreign Office</p>	 <p>FOUNDATION MEDICINE</p>	 <p>frontiers</p>
 <p>frontiers research foundation</p>	 <p>GEOMAR</p>	 <p>DAAD Deutscher Akademischer Austauschdienst German Academic Exchange Service</p>	 <p>DFG Deutsche Forschungsgemeinschaft</p>	 <p>GIT LABOR- FACHZEITSCHRIFT</p>	 <p>Google</p>

OUR PARTNERS & SUPPORTERS
THANK YOU!

FALLING WALLS SCIENCE SUMMIT IS A PART OF BERLIN SCIENCE WEEK

BERLIN SCIENCE WEEK – THE INTERNATIONAL SCIENCE FESTIVAL

BECOME
OUR PARTNER
AND JOIN THE
FALLING WALLS
COMMUNITY

Please contact
info@berlinscienceweek.com

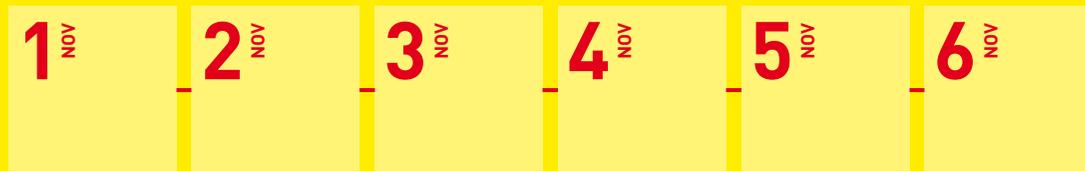


berlinscienceweek.com

Berlin Science Week is an annual 10-day international festival from 1 to 10 November that brings together innovative and distinguished scientific organisations from all over the world to present their work and to enable an open and interdisciplinary exchange of ideas and knowledge – among each other and with the public.

Berlin Science Week showcases scientific excellence, promotes discussions on the grand challenges of our time, and fosters forward-thinking event formats in science communication. 35,000 local and international guests visited the 2023 edition of Berlin Science Week and for the first time, another 10-day festival centre was created at the interface between art & science. The festival website was viewed by 100,000 visitors from 140 countries. About 20% of the programme was contributed by international organisations from 25 countries.

BERLIN SCIENCE WEEK CAMPUS



FALLING WALLS SCIENCE SUMMIT



CREATIVE SCIENCE, PRECISE ART ART & SCIENCE FORUM



This year, for the very first time, we introduced a second Berlin Science Week location. In partnership with Holzmarkt 25, we opened a dedicated ART & SCIENCE FORUM.

Premiere at Berlin Science Week 2023: the Art & Science Forum at Holzmarkt 25!

A diverse programme consisting of science slams, concerts, experimental multi-sensorial performances, panel discussions, field trips, impulse lectures, campfire networking meet ups, workshops, and temporary exhibitions within 8 tiny galleries highlighted the fruitful interaction between artistic practice and scientific rigor, as well as the way in which it can create new knowledge and ways of understanding.

Visit: berlinscienceweek.com/de/holzmarkt-art-science-forum

10

DAYS

35

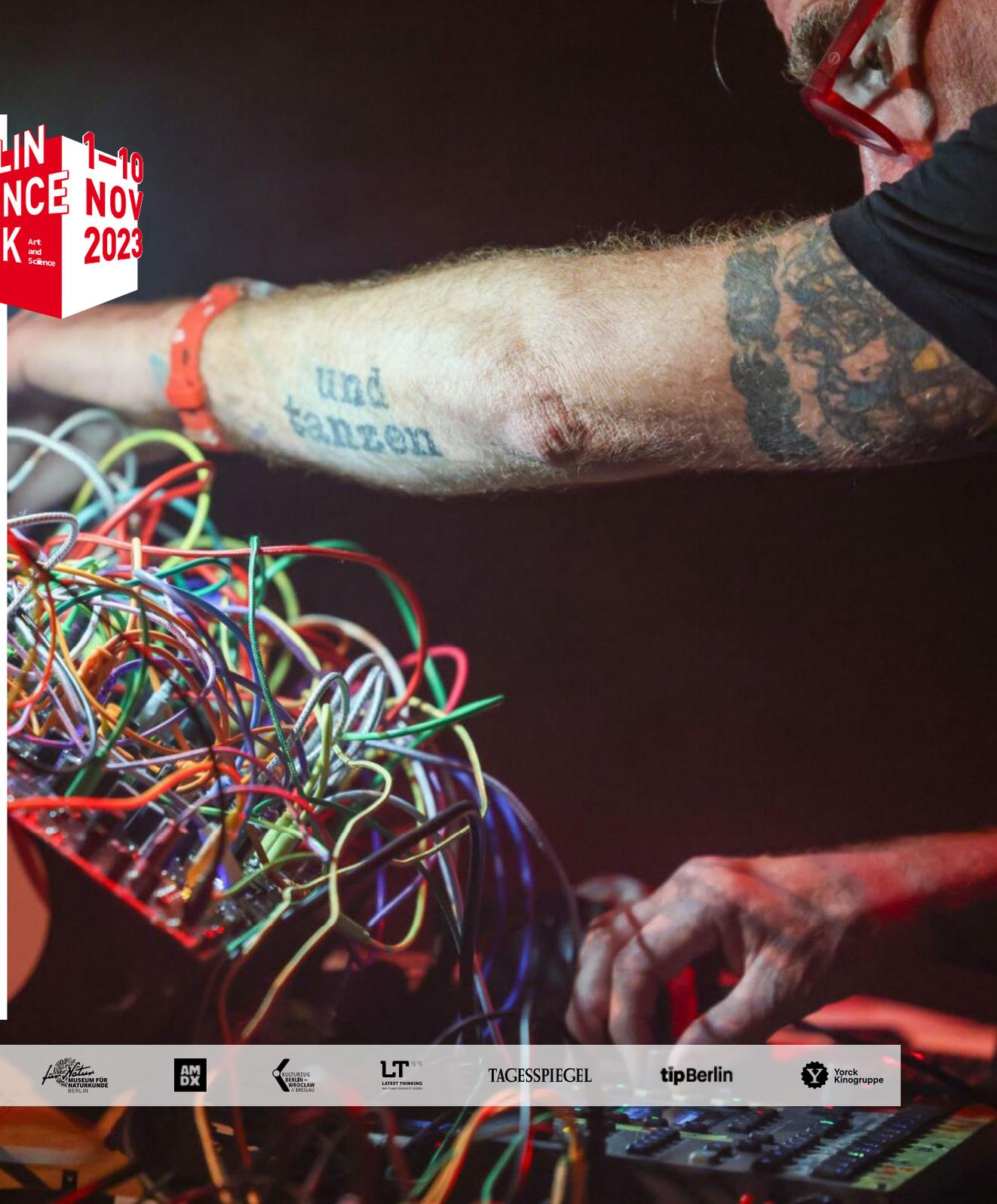
EVENTS

50

ORGANISATIONS

11,500

VISITORS



Senatsverwaltung
für Wissenschaft,
Gesundheit und Pflege

BERLIN



BRAIN CITY

BERLIN



VISIT BERLIN



TAGESSPIEGEL

tipBerlin



**“IF YOU THINK ABOUT THE GLOBAL CHALLENGES
RIGHT NOW FALLING WALLS IS THE ONE THING
WHICH CAN PROVIDE ANSWERS.”**

Lars-Hendrik Röllner *ESMT Berlin, DE*

WELCOME BACK TO BERLIN 7-10 NOV 2024

PLEASE CONTACT US



Andreas Kosmider
Managing Director
+49 30 60 988 39 770
andreas.kosmider@falling-walls.com
www.falling-walls.com

**FALLING WALLS
FOUNDATION gGmbH**
Kochstraße 6-7
10969 Berlin
Germany

fallingwalls
 falling_walls
 Falling_Walls | #FallingWalls23

BOARD OF TRUSTEES



JÜRGEN MLYNEK
(Chairman)
Former President,
Helmholtz Association



HENRY ALT-HAAKER
Senior Vice-President,
Robert Bosch Foundation



ANDREAS BÄRNER
Member of the Shareholder
Committee, Boehringer-
Ingelheim Pharma



CARL-HENRIK HELDIN
Chairman of the Board,
Nobel Foundation



HIROSHI KOMIYAMA
Chairman, The Science
and Technology in Society
Forum, Kyoto



HELGA NOWOTNY
Former President,
European Research
Council



ERNST TH. RIETSCHEL
Former Chairman of the
Board, Berlin Institute of
Health and Former Pres.,
Leibniz Association



SEBASTIAN TURNER
Founder, Falling Walls
Foundation



JOHANNES VOGEL
Director General, Museum
für Naturkunde Berlin



OTMAR WIESTLER
President, Helmholtz
Association