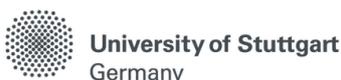
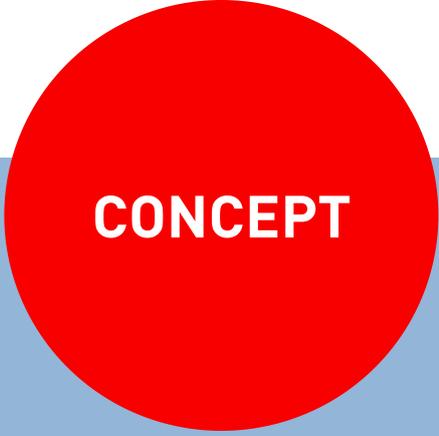


# FALLING WALLS LAB BADEN- WÜRTTEMBERG

10 JULY 2024 STUTTGART  
2:00 PM | ARENA2036  
PFAFFENWALDRING 19

Proudly presented by our hosting and co-organizing institutions:





## CONCEPT

### THE FALLING WALLS FOUNDATION FOUNDED 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

### ABOUT THE FALLING WALLS LAB BADEN-WÜRTTEMBERG:

The Lab is an international pitch competition in which participants present their research-based idea, project or innovation in three minutes and are evaluated by a panel of experts at the end. The winner of the lab will have the fantastic opportunity to meet an international community from science, business, politics and culture at the Falling Walls Science Summit in Berlin and compete for the title of "Science Breakthrough of the Year" on a large stage in the final.



## PROGRAM

**2:00 pm GUEST ADMISSION AND NETWORKING**

**2:30 pm INTRODUCTION AND LAB RULES**

**3:00 pm BREAKTHROUGH PITCHES**

**4:30 pm COFFEE BREAK AND AUDIENCE VOTE**

**4:50 pm ON-STAGE PANEL DISCUSSION**

**5:15 pm AWARD CEREMONY**

**5:30 pm DINNER AND NETWORKING**

# JURY BOARD



## **Jun.-Prof. Dr. Amrei Bahr, Jury Chair**

*Expert and Junior Professor of Philosophy of  
Technology and Information  
University of Stuttgart*



## **Udo-Martin Gómez**

*Executive Vice President  
Bosch Research*

Photo: Robert Bosch GmbH



## **Jun.-Prof. Dr. Barbara Bruno**

*Expert and Junior Professor of Computer Science and Robotics  
Karlsruhe Institute of Technology (KIT)*

## **Prof. Dr. Ana Martin-Villalba**

*Head of Molecular Neurobiology Division  
German Cancer Research Center (DKFZ)*

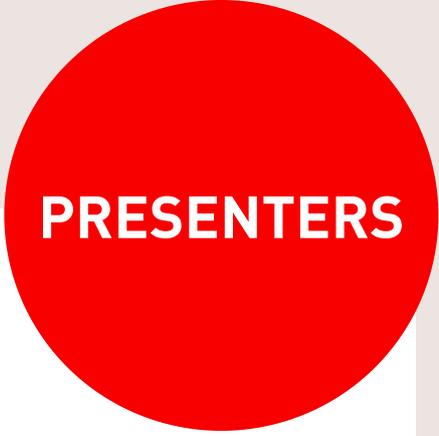


Photo: Tobias Schwerdt



## **Prof. Dr. Giso Hahn**

*Head of Photovoltaics Division  
University of Konstanz*



# PRESENTERS

## MARLON SUDITSCH

*Doctoral Researcher | Medical Biomechanics  
University of Stuttgart*

**BREAKING THE WALL OF A VIRTUAL CANCER PATIENT**

## SAMUEL SANDER

*Doctoral Researcher | Neurotechnology  
Central Institute for Mental Health Mannheim*

**BREAKING THE WALL OF MEMORY LOSS**

## TIFFANY CHENG

*Research Group Leader | Bioinspired Design & Computational Fabrication  
University of Stuttgart*

**BREAKING THE WALL OF BIOINSPIRED BUILDING**

## ANDRA-LISA M. HOYT

*Doctoral Researcher | Chemistry & Geology  
University of Konstanz*

**BREAKING THE WALL OF STONE REMINERALIZATION**

## MUHAMMAD SAEED

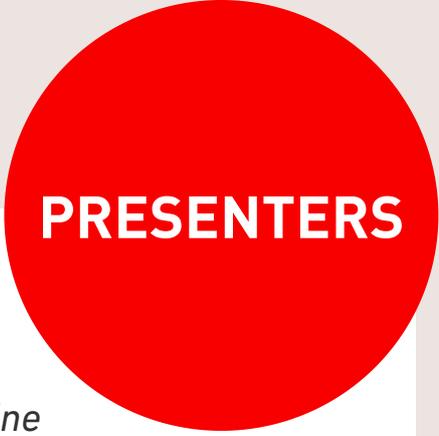
*Doctoral Researcher | Computational Simulation and Defects Analysis  
University of Stuttgart*

**BREAKING THE WALL OF EXPENSIVE SIMULATIONS**

## ALEXANDER GERMAN

*Resident Physician & Clinician Scientist  
University Hospital Erlangen*

**BREAKING THE WALL OF TIME**



# PRESENTERS

## **YASMIN ANTONELLI**

*Doctoral Researcher | Artificial Tumors & Personalized Medicine  
Heidelberg University*

**BREAKING THE WALL OF CANCER THERAPY**

## **SHAHNEWAZ SHUVA**

*Doctoral Researcher | Energy Management  
University of Stuttgart*

**BREAKING THE WALL OF BUILDING ENERGY WASTE**

## **JULIUS MAXIMILIAN KERNBACH**

*Doctoral Researcher | Neuroscience  
University Hospital Heidelberg*

**BREAKING THE WALL OF GLIOBLASTOMA WITH AI**

## **LISA GREGOR**

*Doctoral Researcher | Personalized Cancer Immunotherapy  
University Hospital LMU Munich*

**BREAKING THE WALL OF CANCER USING ARTIFICIAL INTELLIGENCE**

## **KIAN VAN DER ENDEN**

*Doctoral Researcher | Quantum Technology  
Delft University*

**BREAKING THE WALL OF SCALABLE QUANTUM NETWORKS**

# ORGANIZERS

## STRENGTHENING SCIENCE-INNOVATION NETWORKS IN BADEN-WÜRTTEMBERG: ABOUT THE ORGANIZERS

For the past four years, the partners of the Falling Walls Lab Baden-Württemberg have been hosting the Lab in a rotating system to strengthen regional networks. Since 2023, the University of Stuttgart with the Project Elements4Founding (supported by Vector Stiftung) at the Institute of Entrepreneurship and Innovation Science (ENI) is a part of the organizing team and hosts the Falling Walls Lab BW 2024 together with Wissensfabrik e. V. The organizers are independent partners of the Falling Walls Foundation.

### Local Organizers:

Mia-Celine Zsohár (University of Stuttgart, Institute of Entrepreneurship and Innovation Science (ENI)), Lena Gutjahr (Wissensfabrik e. V.) Alina Aldinger and Domenica Riecker-Schwörer (KIT), Regine Kleber and Maria Garcia Hernandez (HEiKA Research), Christine Ludwig, Anja Weidenmüller & Jana Kaiser (University of Konstanz).

We would like to thank all presenters, jury members, supporters, contributors, and helping hands from our home institutions and beyond that make this event possible in 2024!

ARENA2036



Registration:

