

# FALLING WALLS FOUNDATION

WHICH ARE  
THE NEXT  
WALLS  
TO FALL?

## PROGRAMME

8 NOVEMBER

WILHELM AND ELSE HERAEUS FOUNDATION SYMPOSIUM FOR BREAKTHROUGHS IN PHYSICAL SCIENCES

8.30 – 9.00 am

Radialsystem  
Lecture Hall

### JOINT OPENING SESSION

Jürgen Mlynek, Falling Walls Foundation, **Format Hosts**

9.10 - 9.20 am

Amano Eastside Hotel  
Conference Room

### SYMPOSIUM INTRODUCTION

Thomas Elsässer, Max Born Institute, **Oliver Benson**, Humboldt University Berlin, **Stefan Jorda**, Wilhelm and Else Heraeus Foundation

9.20 – 10.50 am

Amano Eastside Hotel  
Conference Room

### WINNER PITCHES

**Nathalie Picqué**, Max Planck Institute of Quantum Optics  
**Sebastian Klemmt**, University of Würzburg  
**Peter Baum**, University of Konstanz  
**Anthony Kucernak**, Imperial College London  
**Alex Zylstra**, Lawrence Livermore National Laboratory  
**Stefan Ulmer**, RIKEN, Institute for Physical and Chemical Sciences  
**Silke Ospelkaus**, Leibniz University Hannover  
**Luciano Rezzolla**, Goethe University Frankfurt  
**Jeyhan Kartaltepe**, Rochester Institute of Technology

10.50 - 11.05 am

Amano Eastside Hotel  
Conference Room

### NEXT GENERATION RESEARCHER PITCHES

refreshment break

11.15 - 11.55 am

Amano Eastside Hotel  
Conference Room

### SPEAKERS CORNER

#### 1. Wave Matter Interaction:

Nathalie Piqué, Sebastian Klemmt, Peter Baum

#### 2. Energy:

Anthony Kucernak, Alex Zylstra, Bernd Rech

#### 3. Fundamental Physics:

Stefan Ulmer, Silke Ospelkaus, Luciano Rezzolla, Jeyhan Kartaltepe

coffee break

12.10 - 12.50 pm

Amano Eastside Hotel  
Conference Room

### DISCUSSION

12.50 - 1.00 pm

### WRAP UP

# FALLING WALLS FOUNDATION

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Amano Eastside Hotel  
Conference Room

1.00 – 2.00 pm  
Radialsystem  
Ground Floor

**LUNCH BREAK**

2.00 - 3.00 pm  
Radialsystem  
Lecture Hall

**PLENARY TABLE:** The Future of Clean Energy Technology: Accelerating the Transformation to Carbon Neutrality

3.00 - 4.00 pm  
Radialsystem  
Lecture Hall

**PLENARY TABLE:** Advances in Fusion Technology - Breakthrough in unlimited Energy Generation

4.00 - 5.00 pm  
Radialsystem  
Studio A

**ROUND TABLE:** Joint Efforts towards the Seconds Quantum Revolution

5.00 - 6.00 pm  
Radialsystem  
Studio A

**ROUND TABLE:** New Particle Accelerators: On a Nanophotonic Chip?

7 pm  
Spreespeicher

**FALLING WALLS EVENING RECEPTION**