

# Problems and Extensions

**WILHELM UND ELSE  
HERAEUS-STIFTUNG**



**Wednesday, 17 April 2024 - Friday, 19 April 2024**

**Physikzentrum Bad Honnef**

## **Scientific Programme**

Sunday, 12 May 2024

17:00 – 21:00 Registration

18:00 BUFFET SUPPER and informal get-together

Monday, 13 May 2024

08:00 BREAKFAST

09:00 Scientific organizers Welcome words

09:10 – 10:10 Jan Klaers From BEC to complex condensation phenomena in two-dimensional photon gases

10:10 – 10:55 Quentin Fontaine Exploring universal scaling laws in two-dimensional polariton condensates

10:55 – 11:25 COFFEE & TEA

11:25 – 12:10 Päivi Törmä Quantum geometric tensor in plasmonic lattices

12:10 – 12:55 Jean-Jacques Greffet Photon Bose-Einstein condensation and lasing in semiconductor cavities

13:00 LUNCH