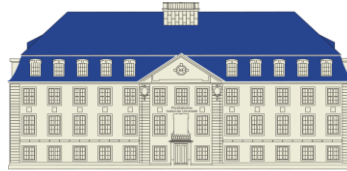




Institut für
Angewandte Physik



Physikalisches
Institut



RHEINISCHE
FRIEDRICH-WILHELMS-UNI-
VERSITÄT BONN

COLLOQUIUM „OPTICS AND CONDENSED MATTER“

Claus Zimmermann

University of Tübingen, Tübingen, Germany

Supersolids and Other Interesting Correlations in Cold Atomic Gases

Self-organizing correlations are a common topic of many experiments in cold atom physics. As an example, I will present some results on the realization of supersolids with cavity-mediated long-range interactions. Furthermore, I will discuss the in situ observation of atomic correlations with high temporal resolution, which turns out to be possible with Feshbach-assisted photoionization.

June 25th, starting with discussion at 17:00 h, talk at 17:15 h, live IAP lecture hall or via Zoom

<https://uni-bonn.zoom.us/j/98441612025?pwd=a01SSjlkY1Q3SDFhL09JQk1qc1V6dz09>

Meeting-ID: 984 4161 2025

Kenncode: 294164