



Seminarankündigung

**Dienstag, 9. Juni 2015
17:15 Uhr**

ZNN, Seminarraum EG 0.001

“Half-quantized flow of a polariton condensate in a ring trap”

Abstract: Polaritons can be understood as "heavy photons"-- interaction with matter in an optical cavity gives the photons an effective mass and repulsive interactions, so that they act like a gas of atoms. In the past decade, many experiments have demonstrated the effects of Bose-Einstein condensation and superfluidity of polaritons. In this talk I will discuss recent experiments in which we create a polariton condensate in a ring trap, allowing coherent circulation states, i.e., persistent current.

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