



Einladung zum Physikalischen Kolloquium

Montag, 11.5.2009
16.15 Uhr, H2 (O25)

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„ Simulating many-body system: From Josephson arrays to coupled QED-cavities?“

Abstract:

Over the past two decades considerable understanding of the physics of strongly interacting systems has been gained by a judicious design of controlled many-body systems. Successful examples of this sort are optical lattices and Josephson junction arrays. Very recently it was understood that also coupled QED-cavities may be an important tool to study strongly correlated systems. After a historical tour

through the field I will review recent advances in the equilibrium and non-equilibrium properties of cavity arrays