

ONLINE SCHOOL: FROM EQUILIBRIUM PHENOMENA TOWARDS OPEN QUANTUM



The school aims at providing an overview of some research lines on the mathematical features of quantum mechanics, ranging from few- and many-body operator theory to equilibrium and non-equilibrium statistical mechanics.

COURSES:

Alain Joye (Université Grenoble Alpes, FR)

Adiabatic Quantum Dynamics and Applications to Open Systems

Marco Merkli (University of Newfoundland, CA)

Open Quantum Systems: Structure and Dynamics

Benjamin Schlein (University of Zurich, CH)

Bogoliubov theory for many-body quantum systems

INVITED TALKS:

Claudia Negulescu (Université Paul Sabatier, FR)

Decoherence in the Photosynthesis Process

Jakob Yngvason (University of Vienna, AT)

Emergence of Haldane Pseudo-Potentials in Systems with Short Range Interactions



March 22 - 26, 2021



Online on Zoom platform



quantum@gssi.it



indico.gssi.it/event/103/

SCIENTIFIC AND ORGANIZING COMMITTEE

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