



ICTP | International Centre for Theoretical Physics
SAIFR | South American Institute for Fundamental Research

Campus of IFT-UNESP – São Paulo, Brazil



ANDRÉ ECKARDT
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July 27 – August 7, 2026

**SCHOOL ON OPEN
 QUANTUM SYSTEMS:
 THEORY AND EXPERIMENT**



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The school focuses on the theoretical and experimental study of few-body and many-body systems under drive and dissipation. It will feature seven lecturers covering topics ranging from fundamental concepts — such as quantum optics and cooperative radiative processes — to advanced themes like error correction in quantum computers or non-Markovian dissipation. Participants are expected to have a solid background in advanced quantum mechanics and prior familiarity with the basics of the theory of open quantum systems is recommended (spontaneous emission, classical and quantum baths, Lindblad equation).

Application deadline:

May 15, 2026

**Online application and
 more information:**

ictp-saifr.org/ssdoqste2026/



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