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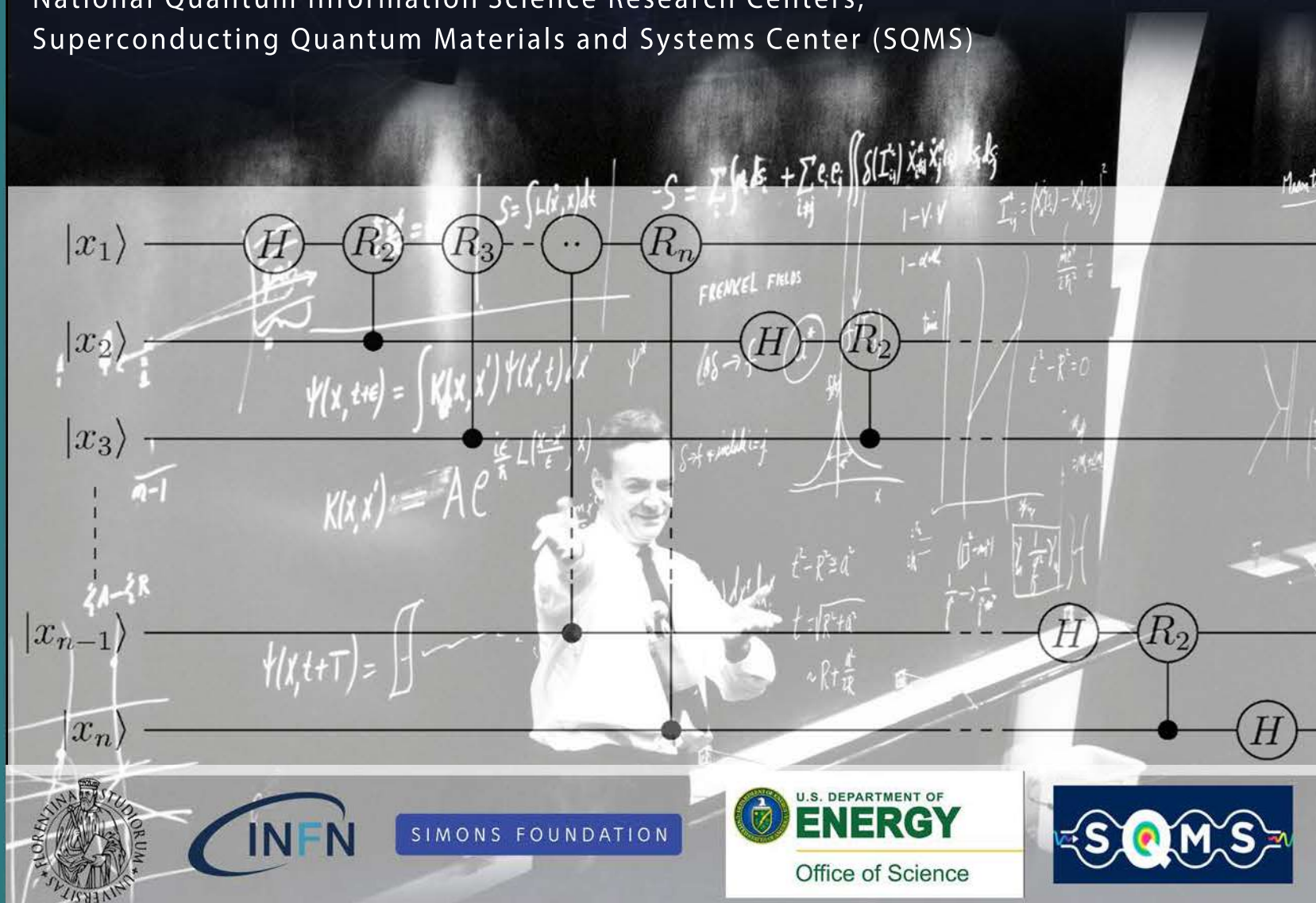
QUANTUM COMPUTATION AND SENSING

ONLINE EVENT

Jun 21 - Jul 02, 2021

Deadline: April 30, 2021

In collaboration with the U.S. Department of Energy, Office of Science, National Quantum Information Science Research Centers, Superconducting Quantum Materials and Systems Center (SQMS)



SIMONS FOUNDATION



Topics

- Light-matter interaction in circuit QED
- Quantum controls and algorithms
- Superconducting circuits
- Metrology in circuit QED
- Quantum sensing

Lecturers

- Alexandre Blais, Université de Sherbrooke (CA-QC)
- Caterina Braggio, Univ. and INFN Padova (IT)
- Elisa Ercolessi, Univ. and INFN Bologna (IT)
- Peter Graham, Stanford University (US-CA)
- Jens Koch, Northwestern University (US-IL)
- Hanhee Paik, IBM Watson Research Center (US-NY)

Organizers:

- Caterina Braggio, Univ and INFN Padova
- Laura Cardani, INFN Roma
- Roni Harnik, Fermilab Chicago Illinois
- Yonatan Kahn, University of Illinois at Urbana-Champaign
- Raffaele Tripiccione, Univ. and INFN Ferrara
- Paola Verrucchi, CNR Institute for Complex Systems and INFN Firenze
- Silvia Zorzetti, Fermilab Chicago Illinois

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