

Digital Single Market

Event 21 January 2014

FET Information Day - Afternoon Session: Quantum Simulation

Quantum Simulation is a FET Proactive Initiative under Horizon 2020 that aims to develop solutions using quantum technologies to address real world problems. During the afternoon session of FET Information Day (20/01/2014), various presentations have been made in relation with this topic, and during the Proposers' Forum.

- [Overview of FET Proactive Initiative "Quantum Simulation - Q-Sim"](#), [1] Roumen Borissov, FET
- ["Quantum Technologies for on Demand Molecule Printing - Quan-Te-Print"](#) [2], Gabor Vattay, CERN Wigner Datacenter
- ["Quantum simulation with superconducting circuits"](#) [3], Martin Weides, Karlsruhe Institute of Technology
- ["Quantum simulation and quantum logic in integrated ion surface-electrode traps"](#) [4], Christian Ospelkaus, Institut für Quantenoptik, Leibniz Universität Hannover
- ["The Wigner Monte Carlo method"](#) [5], Jean Michel Sellier, Bulgarian Academy of Sciences, IICT
- ["Rydberg Quantum Simulator RYSQ"](#) [6], Tommaso Calarco, Universität Ulm
- ["Energy entangled photonic qudits"](#), [7] André Stefanov, University of Bern
- ["Quantum insulators"](#) [8], Giacomo Roati, INO-CNR & LENS, University of Florence

[Quantum simulation objective on Participant Portal](#) [9].

Speaker

[10]

Share this page

Source URL: <https://ec.europa.eu/digital-single-market/en/news/fet-information-day-afternoon-session-quantum-simulation>

Links

[1] http://ec.europa.eu/newsroom/document.cfm?doc_id=4116

[2] http://ec.europa.eu/newsroom/document.cfm?doc_id=4119

[3] http://ec.europa.eu/newsroom/document.cfm?doc_id=4120

- [4] http://ec.europa.eu/newsroom/document.cfm?doc_id=4123
- [5] http://ec.europa.eu/newsroom/document.cfm?doc_id=4124
- [6] http://ec.europa.eu/newsroom/document.cfm?doc_id=4129
- [7] http://ec.europa.eu/newsroom/document.cfm?doc_id=4132
- [8] http://ec.europa.eu/newsroom/document.cfm?doc_id=4186
- [9] <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2076-fetproact-3-2014.html>
- [10] <mailto:>