

Program (CET time)

Monday, 31 May 2021

Berlin 6:45 PM	Otago NZ +1 day 4:45 AM	Singapore + 1 day 12:45 AM	Boston 12:45 PM	San Francisco 9:45 AM
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<https://www.timeanddate.de/uhrzeit/>

06:45 – 06:50 PM	Harald Schwefel Nicholas Lambert Johannes Fink	Welcome words
06:50 – 07:00 PM	Stefan Jorda	About the WE-Heraeus-Foundation
07:00 – 07:55 PM	Amir Safavi-Naeini	Approaches and limits to networking quantum machines
08:00 – 08:55 PM	Oliver Benson	Delaying and synchronizing single photons for quantum processors using alkali vapor cells
09:00 – 09:15 PM	Flash poster session A	
09:15 – 10:00 PM	Poster session A	
10:00 – 10:55 PM	James Haigh	Microwave-optical conversion using ferromagnetic magnons
11:00 – 11:55 PM	Cindy Regal	Towards mechanically-mediated electro-optic quantum transduction

Program (CET time)

Tuesday, 1 June 2021

Berlin 7:00 PM	Otago NZ +1 day 5:00 AM	Singapore + 1 day 1:00 AM	Boston 1:00 PM	San Francisco 10:00 AM
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<https://www.timeanddate.de/uhrzeit/>

07:00 – 07:55 PM	Andreas Wallraff	Operating microwave quantum links between superconducting circuits over meter-scale distances
08:00 – 08:55 PM	Christoph Becher	Telecom links between nodes in quantum networks
09:00 – 09:15 PM	Flash poster session B	
09:15 – 10:00 PM	Poster session B	
10:00 – 10:55 PM	Jevon Longdell	Microwave optical conversion using rare earth spins in solids
11:00 – 11:55 PM	Marko Lončar	Quantum interconnects with lithium niobate

Program (CET time)

Wednesday, 2 June 2021

Berlin 7:00 PM	Otago NZ +1 day 5:00 AM	Singapore + 1 day 1:00 AM	Boston 1:00 PM	San Francisco 10:00 AM
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07:00 – 07:55 PM	Andrew Cleland	Remote quantum communication between superconducting qubit nodes: Challenges and solutions
08:00 – 08:55 PM	Benjamin Brecht	Nonlinear integrated quantum devices
09:00 – 09:15 PM	Flash poster session C	
09:15 – 10:00 PM	Poster session C	
10:00 – 10:55 PM	Liang Jiang	Protocols of quantum transduction
11:00 – 11:55 PM	Wenhui Li	Microwave-to-optical conversion via wave mixing in an atomic Rydberg ensemble

Program (CET time)

Thursday, 3 June 2021

Berlin 7:00 PM	Otago NZ +1 day 5:00 AM	Singapore + 1 day 1:00 AM	Boston 1:00 PM	San Francisco 10:00 AM
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<https://www.timeanddate.de/uhrzeit/>

07:00 – 07:55 PM	Oskar Painter	An integrated superconducting qubit to optical transducer
08:00 – 08:55 PM	Birgit Stiller	Waveguide optomechanics – coherent control of traveling acoustic waves
09:00 – 09:15 PM	Flash poster session D	
09:15 – 10:00 PM	Poster session D	
10:00 – 10:55 PM	Paul Seidler	Microwave-optical transduction with integrated gallium phosphide devices
11:00 – 11:55 PM	Hong Tang	AlN cavity electro-optic circuit for microwave-to-optics conversion in the quantum ground state
12:00 – 12:15	Harald Schwefel Nicholas Lambert Johannes Fink	Poster prize awards and closing words