



OIST

OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY GRADUATE UNIVERSITY

OIST—ASJ Joint Webinar

Program

Please note that this event uses the Zoom platform and all presentations will be given in English.

*This event will be held fully online due to the COVID-19 pandemic. There are minor change in the time schedule. Please check the updated program.

Updates as of 10 May, 2021

*Time is Japan Standard Time

8:20-8:30	Opening by OIST President Peter Gruss
8:30-8:35	Introduction by Dr. Kae Nemoto and Mr. Jesper Koll
8:35-9:05	Dr. Artur Ekert (University of Oxford, Centre for Quantum Technologies & Okinawa Science and Technology Graduate University) Introduction to quantum technology and its impact on information security
9:05-9:15	Q&A
9:15-9:45	Dr. Christopher Monroe (Duke University & University of Maryland) <i>Experimental progress in building quantum computers. Will they be here any time soon to threaten classical methods of encryption?</i>
9:45-9:55	Q&A
9:55-10:25	Dr. Michele Mosca (Institute of Quantum Computing, University of Waterloo) <i>Can we afford to wait or should we be actively looking for solutions to protect the integrity of the existing cryptosystems?</i>
10:25-10:35	Q&A
10:35-10:50	Closing by Dr. Kae Nemoto and Mr. Jesper Koll

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