Open Quantum Systems - from Quantum Information to Condensed Matter | (SMR 4204)

16 Nov 2026 - 20 Nov 2026
Outside, Singapore

4 Directors

1.	**DALMONTE Marcello**	(In Pers.)	ICTP	Italy
2.	**FAZIO Rosario**	(In Pers.)	ICTP	Italy
3.	**HO Wen Wei**	(In Pers.)	National University of Singapore and CQT	Singapore
4.	**POLETTI Dario**	(In Pers.)	Singapore University of Technology and Design and CQT	Singapore

6 Lecturers

1.	**GOPALAKRISHNAN Sarang**	(In Pers.)	Princeton University	United States of America
2.	**MODI Kavan**	(In Pers.)	Singapore University for Technology and Design and CQT	Singapore
3.	**MORI Takashi**	(In Pers.)	Keio University	Japan
4.	**MORIGI Giovanna**	(In Pers.)	Institute of Theoretical Physics Saarland University	Germany
5.	**VASSEUR Romain**	(In Pers.)	University of Geneva	Switzerland
6.	**ZNIDARIC Marko**	(In Pers.)	University of Ljubljana Department of Physics	Slovenia

1 Speaker

1.	**JOSHI Manoj**	(In Pers.)	Singapore University for Technology and Design	Singapore

53 Participants

1.	**ALBITSKAIA Khristina**	(In Pers.)	Russian Quantum Center	Russian Federation
2.	**ASTHANA Sooryansh**	(In Pers.)	Department of Physics, Indian Institute of Technology Bombay	India
3.	**BAIKANG Yuan**	(In Pers.)	centre for quantum technologies	Singapore
4.	**BAYONA PENA Juan Pablo**	(In Pers.)	Faculty of Physics University of Bologna	Italy
5.	**BHATTACHARYA Elka**	(In Pers.)	Tata Institute Of Fundamental Research (TIFR)	India
6.	**BHOWMICK Dhiman**	(In Pers.)	Physics and Applied Physics School of Physical and Mathematical Sciences Nanyang Technological University	Singapore
7.	**BIDURUKONTHAM Madhurima**	(In Pers.)	School of Physics University of Hyderabad	India
8.	**CHAKRABORTY Subhadeep**	(In Pers.)	Centre for Quantum Technologies National University of Singapore	Singapore
9.	**CHANG Derek**	(In Pers.)	School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore.	Singapore
10.	**DEY Kritartha**	(In Pers.)	Quantum Information group Department of Physics Indian Institute of Technology Madras	India
11.	**FENG Xu**	(In Pers.)	School of Physics Peking University	China
12.	**GANGULY Katha**	(In Pers.)	Indian Institute of Science Education and Research Pune	India
13.	**GHOSHAL Ahana**	(In Pers.)	Department of Physics University of Konstanz	Germany
14.	**GIRI Kanti Mrinal**	(In Pers.)	Nanyang Technological University School of Physical and Mathematical Sciences (SPMS)	Singapore
15.	**GUPTA Sparsh**	(In Pers.)	Forschungsinstitut CODE, University of the Bundeswehr Munich	Germany
16.	**HONG Zekai**	(In Pers.)	School of Physics Peking University	China
17.	**HUANG Qi**	(In Pers.)	National University of Singapore	Singapore
18.	**JARA Dubla Roy Jr.**	(In Pers.)	National Institute of Physics University of the Philippines - Diliman	Philippines
19.	**JIN Hao**	(In Pers.)	School of Materials Science and Engineering Nanyang Technological University	Singapore

20.	**KALE Balayogendra Babu**	(In Pers.)	Indian Institute of Science, Bangalore Center for Condensed Matter Theory	India
21.	**LIM Zi Yao**	(In Pers.)	Nanyang Technological University	Singapore
22.	**LIU Chang**	(In Pers.)	National University of Singapore Department of Physics	Singapore
23.	**LIU Chuan**	(In Pers.)	National University of Singapore Department of Physics	Singapore
24.	**LIU Hanqing**	(In Pers.)	Department of Physics National University of Singapore	Singapore
25.	**LIU Mingxuan**	(In Pers.)	Centre for Quantum Technologies	Singapore
26.	**LIU Yang**	(In Pers.)	Centre for Quantum Technologies (CQT)	Singapore
27.	**MAHAVEER PRASAD Mahaveer Prasad**	(In Pers.)	SMT, Singapore University of Technology and Design (SUTD), Singapore	Singapore
28.	**MAITY Arghya**	(In Pers.)	Nanyang Technological University (NTU)	Singapore
29.	**MAO Weibo**	(In Pers.)	Institute of Fundamental Physics and Quantum Technology School of Physical Science and Technology Ningbo University	China
30.	**MIR Murtaza Ali**	(In Pers.)	Tampere University	Finland
31.	**OLIVER Christopher Paul**	(In Pers.)	University of Strathclyde	United Kingdom of Great Britain an
32.	**PAN Xin-Yi**	(In Pers.)	DSO National Laboratories Quantum Sensing Programme Senior Member of Technical Staff	Singapore
33.	**PANDEY Abhinay**	(In Pers.)	Indian Institute of Technology Madras	India
34.	**PATEL Urjjarani**	(In Pers.)	BITS-Pilani Hyderabad Campua	India
35.	**PENDSE Vinayak Narendra**	(In Pers.)	Universität des Saarlandes	Germany
36.	**PHAM Nhat Minh**	(In Pers.)	SISSA	Italy
37.	**PRASAD Pratyush Samyak**	(In Pers.)	Center for Quantum Technologies, National University of Singapore	Singapore
38.	**ROSA RUIZ Paul**	(In Pers.)	Instituto de Física Teórica UAM/CSIC	Spain
39.	**ROY Abhinash Kumar**	(In Pers.)	Singapore University of Technology and Design	Singapore
40.	**RUBAB Komal**	(In Pers.)	Scuola Internazionale Superiore di Studi Avanzati (SISSA)	Italy
41.	**SAHA Abhik Kumar**	(In Pers.)	Kyoto University	Japan
42.	**SAHIL Sardar Jafar**	(In Pers.)	Nanyang Technological University	Singapore
43.	**SARANGI Saswat**	(In Pers.)	Okinawa Institute of Science and Technology	Japan
44.	**SETIAWAN Iwan**	(In Pers.)	University of Bengkulu Physics Education Department	Indonesia
45.	**SORNSAENG Apimuk**	(In Pers.)	Singapore University of Technology and Design	Singapore
46.	**SUBBOTIN German**	(In Pers.)	International Center for Quantum Optics and Quantum Technologies Quantum Simulators and Integrated Photonics Laboratory	Russian Federation
47.	**SUNDARAVADIVEL Gauthameshwar**	(In Pers.)	Many-body Dynamics Group Singapore University of Technology and Design.	Singapore
48.	**VAARANTA Anttiti Pekkaeki Olavi**	(In Pers.)	Department of Physics University of Helsinki	Finland
49.	**WEHBE Rayan**	(In Pers.)	Singapore University of Technology and Design (SUTD)	Singapore
50.	**YE Fangqiao**	(In Pers.)	Institute of Physics Chinese Academy of Science	China
51.	**YIN Yutong**	(In Pers.)	National University of Singapore Department of Physics	Singapore
52.	**YOU Wenqi**	(In Pers.)	Hong Kong University of Science and Technology Department of Physics and Jockey Club Institute for Advanced Study	China, Hong Kong Special Adminis
53.	**YU Bo**	(In Pers.)	National University of Singapore Department of Physics	Singapore