

Workshop on continuous-variable photonic quantum computing

Social events: Welcome reception Tuesday 13/12, 19:00 to 22:00 (with possibility to watch World Cup semi-final)
 Workshop dinner Wednesday 14/12, 18:30 to 20:30 (possibility to watch semi-final after dinner)
 Bonus dinner Thursday 15/12, 18:00

All events and talks take place at Hotel Scandic Falkoner, Falkoner Alle 9, Frederiksberg.

Wednesday 14/12

8:50	Ulrik Andersen - Welcome
9:00	Nicholas Menicucci <i>TBA</i>
9:40	Radim Filip <i>TBA</i>
10:10	Julien Laurat <i>Quantum Interconnects : Storing and Converting Quantum Information</i>
10:40	Coffee
11:10	Leonardi Banchi <i>Quantum computing with Gaussian Boson Samplers</i>
11:50	Shang Yu <i>Gaussian Boson Sampling with time-bin encoding and displacements</i>
12:30	Lunch
13:30	J. Eli Bourassa <i>Blueprint for a scalable photonic fault-tolerant quantum computer</i>
14:10	Laura García-Álvarez <i>Linking theorems in continuous and discrete variables with the GKP code</i>
14:50	Akira Furusawa <i>Optical quantum computers with quantum teleportation</i>
15:30	Poster session with coffee
18:30	

Thursday 15/12

9:00	Jahan Claes <i>High-threshold tailored error correction in bosonic qubits</i>
9:40	Olivier Pfister <i>Gaussian cluster states and photon-number-resolving measurements: a winning combination</i>
10:20	Coffee
10:50	Jens Eisert <i>TBA</i>
11:30	Mackenzie Shaw <i>Stabilizer subsystem decompositions for single- and multi-mode GKP codes</i>
12:10	Mikkel Larsen <i>State preparation on chip</i>
12:50	Lunch
13:50	Hassan Shapourian <i>Quantum volume for photonic quantum processors</i>
14:30	Mattia Walschaers <i>Resources for bosonic quantum computational advantage</i>
15:10	Coffee
15:40	Benjamin Brecht <i>Quantum optics with pulsed light</i>
16:20	Damian Markham <i>TBA</i>
17:00	Peter van Loock <i>Photonic Codes: Generation and Application</i>
17:40	Ulrik Andersen - Wrap-up