

Wednesday
March 1

9:00 - 10:00 AM	<i>Breakfast</i>
11:00 - 12:00 PM	Iulia Georgescu (Nature Review Physics) <i>Writing, editing and publishing</i>
12:00 - 2:00 PM (2hr)	<i>Lunch</i>
1:50 - 2:00 PM	Antoine Georges (CCQ) <i>Welcome Remarks</i>
2:00- 2:45 PM (45)	Tibor Rakovsky (Stanford University) <i>Approaches to simulating quantum transport</i>
2:45- 3:30 PM (45)	Roger Mong (University of Pittsburgh) <i>Hydrodynamics and (Pre)thermalization in Floquet Systems</i>
3:30- 4:00 PM (30)	<i>Break</i>
4:00- 4:45 PM (45)	Poster Session
4:45- 5:30 PM (45)	Zala Lenarčič (Jozef Stefan Institute) <i>Diagnosing perturbed integrable models</i>
5:30- 6:15 PM (45)	Luca Tagliacozzo (IFF CSIC) <i>Entanglement and coherence in the out-of-equilibrium dynamics after a quench</i>
6:30- 8:30	<i>Reception and Dinner</i> <i>Flatiron Institute Dining Room, 11th Floor</i>

Thursday
March 2

8:00 - 9:00 AM	<i>Breakfast</i>
9:00 - 9:45 AM (45)	Garnet Chan (CalTech) <i>Higher dimensional tensor network algorithms</i>
9:45 - 10:30 AM (45)	Guifré Vidal (Google) <i>MERA and quantum criticality: emergent structures inside the causal cone</i>
10:30 - 11:00 AM (30)	<i>Break</i>
11:00 - 11:45 PM (45)	Andreas Läuchli (University of Innsbruck) <i>Scaling in Tensor Networks in 1D and 2D: Finite Bond Dimension, Relevant Perturbations</i>
11:45 - 12:30 PM (45)	Mike Zaletel (UC Berkeley) <i>Isometric Tensor Networks</i>

Friday
March 3

- 12:30 - 2:00 PM (1.5hr) *Lunch*
- 2:00- 2:45 PM (45) **Kevin Slagle (Rice University)**
Quantum Gauge Networks: A New Kind of Tensor Network
- 2:45- 3:30 PM (45) **Marko Žnidarič (University of Ljubljana)**
Relaxation in local many-body Floquet systems
- 3:30- 4:00 PM (30) *Break*
- 4:00- 4:45 PM (45) **Group Discussion**
- 4:45- 5:30 PM (45) **Stefanos Kourtis (University of Sherbrooke)**
Qubit vitrification and entanglement criticality on a quantum simulator
- 5:30- 6:15 PM (45) **Ruben Verresen (Harvard Quantum Initiative)**
Long-Range Entanglement and Topological Order from Measurement and Feed-Forward
- 8:00 - 9:00 AM *Breakfast*
- 9:00 - 9:45 AM (45) **Norbert Schuch (University of Vienna)**
Identification and characterization of topological order using tensor networks
- 9:45 - 10:30 AM (45) **Anne Nielsen (Aarhus University)**
Topology on fractal lattices
- 10:30 - 11:00 AM (30) *Break*
- 11:00 - 11:45 PM (45) **Jutho Haegeman (Ghent University)**
Finite-entanglement scaling for Fermi surfaces
- 11:45 - 12:30 PM (45) **Carolin Wille (University of Oxford)**
Topological transitions from matchgate tensor networks
- 12:30 - 2:00 PM (1.5hr) *Lunch*
- 2:00- 2:45 PM (45) **Dimitry Savostyanov (University of Essex)**
Tensor product algorithms for high-dimensional integration
- 2:45- 3:30 PM (45) **Olivier Parcollet (CCQ)**
Learning Feynman Diagrams with Tensor Trains
- 3:30- 4:00 PM (30) *Break*
- 4:00- 4:45 PM (45) **Nicola Pancotti (Amazon Web Services)**
Some applications of tensor networks in finance and optimization
- 4:45- 5:30 PM (45) **Dieter Jaksch (University of Oxford)**
Tensor Networks for Computational Fluid Dynamics
- 5:30- 6:15 PM (45) **Group Discussion**