Quantum Connections Session VI:

Physics Summer School

QUANTUM FRONTIERS

Topics covered:

QUANTUM MATTER – QUANTUM INFORMATION – QUANTUM SENSING

Theory – Computations - Experiments

- The school runs from 10th to 22nd June 2019. Venue is Högberga Gård Conference Center in Lidingö, an island in Stockholm Archipelago 15 minutes from the center of Stockholm.
- Audience: Graduate students and postdocs in any aspects of quantum frontiers

No registration fee – Local expenses covered – Very limited grants for travel expenses available

DEADLINE FOR APPLICATIONS:

April 12th 2019 -- apply at www.nordita.org/qcschool2019

Lecturers include:

- Immanuel Bloch (Ludwig Maximilian University, Munchen)
- Yuao Chen (University of Science and Technology of China)
- Jordan Cotler (Stanford University)
- Eduardo Fradkin (University of Illinois Urbana Champaign)
- Charles Kane (University of Pennsylvania)
- Mikko Möttönen (Aalto University, Helsinki)
- Jian-Wei Pan (University of Science and Technology of China)
- Jukka Pekola (Aalto University)
- Matthias Troyer (Microsoft and ETH)
- Xiao-Gang Wen (MIT)
- Qikun Xue (Tsinghua University)
- Peter Zoller (University of Innsbruck)

Local organisers:

Frank Wilczek (Chair), Egor Babaev, Emil Bergholtz, Betsy Devine, Qing-dong Jiang, Wei Ku, Antti Niemi, Johan Nilsson, Pouya Peighami, Nikolay Prokofiev, Boris Svistunov, Biao Wu, Elizabeth Yang

Stockholm University – Nordita – TD Lee Institute – Wilczek Quantum Center
European Research Council – Vetenskapsrådet – Henrik Granholms Stiftelse

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