

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 12<sup>th</sup> 2019 -- apply at [www.nordita.org/qcschool2019](http://www.nordita.org/qcschool2019)

### Lecturers include:

Immanuel Bloch	(Ludvig 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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