TÜBİTAK TBAE

RESEARCH INSTITUTE FOR FUNDAMENTAL SCIENCES

Frontiers of Science

Quantum Horizons: Developments and Opportunities

Summer Preparatory School, June 27 - 30 2022 Gebze, TÜRKİYE

The goal of this Preparatory School is to provide a concise conceptual introduction to the current topics of quantum science and technology. This will prepare the participants to take full advantage of the specialized lectures of the following more advanced School-Workshop. The lectures will be supplemented by project sessions, which will pave the way for future involvement of motivated participants in the research process.

Lecturers

- Alexander Sergienko (Boston University, USA)
- Barry Sanders (University of Calgary, Canada)
- Oğuz Gülseren (Bilkent University-TBAE, Türkiye)
- Özgür Müstecaplıoğlu (Koç University-TBAE, Türkiye)
- İnanç Adagideli (Sabancı University-TBAE, Türkiye)
- Ceyhun Bulutay (Bilkent University, Türkiye)
- Cengiz Onbaşlı (Koç University, Türkiye)
- Kadir Durak (Özyeğin University, Türkiye)
- Barış Çakmak (Bahçeşehir University, Türkiye)

Topics Covered

- Quantum Matter
- Quantum Communication
- Quantum Computing
- Quantum Information
- Quantum Sensing
- Quantum Simulation

Organizers

Alikram Nuhbalaoğlu (TÜBİTAK TBAE), Özgür Müstecaplıoğlu (Koç Univ.-TBAE), Oğuz Gülseren (Bilkent Univ.-TBAE), İnanç Adagideli (Sabancı Univ.-TBAE)

Deadline for Applications: June 20, 2022

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