

**Session Program**

**25-29 Jan 2019**

**RIKEN Berkeley Workshop: Quantum  
Information Science**

**Quantum Enhanced Optimization I**

LBL-Hill, Building 66- Auditorium  
Lawrence Berkeley National Lab Berkeley, California

# Sunday 27 January

09:30

## Quantum Enhanced Optimization I

**Session** | **Location:** LBL-Hill, Building 66- Auditorium, Lawrence Berkeley National Lab Berkeley, California | **Convener:** Juan Atalaya-Chavez

09:30-10:10

### Performance enhancement of quantum annealing by non-traditional quantum driving

#### Speaker

Prof. Hidetoshi Nishimori

10:15-10:40

### VanQver: Variationally and Adiabatically Navigated Quantum Eigensolver

#### Speaker

Dr Shunji Matsuura

10:45-10:55

### Quantum annealing for polynomial systems of equations

#### Speaker

Dr Arjun Gambhir

11:00