



# RIKEN Berkeley Workshop: Quantum Information Science

## Saturday, January 26, 2019

### Quantum machine learning and quantum sensing - Building 66- Auditorium (4:30 PM - 6:00 PM)

-Conveners: Takumi Doi

time	[id] title	presenter
4:30 PM	[27] Quantum circuit learning: a variational quantum algorithm for machine learning	Mr MITARAI, Kosuke
5:00 PM	[93] Device Design and Technology Developments for Quantum Sensing Charge-Coupled Devices	Dr HOLLAND, Stephen
5:30 PM	[94] Progress Towards sub-eV Phonon and Photon Sensitivity with Athermal Phonon Detector for Light Mass Dark Matter Searches and Other Applications	Prof. PYLE, Matt