

Session Program

25-29 Jan 2019

RIKEN Berkeley Workshop: Quantum Information Science

Sensing IV

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

Tuesday 29 January

11:30

Sensing IV

Session | **Location:** LBL-Hill, Building 66- Auditorium, Lawrence Berkeley National Lab Berkeley, California | **Convener:** Dr Soonwon Choi

11:30-11:55

Cherenkov and scintillation light detection in large array bolometers, and potential synergy with QIS

Speaker

Dr Vivek Singh

12:00-12:25

Exploring a potential link between environmental radiation and excess quasiparticles in superconducting qubits

Speaker

Dr Brent VanDevender

12:30-12:55

Quantum technology to measure the fine structure constant and illuminate biology

Speaker

Prof. Holger Müller

13:00