

## Panel discussion: Strategies for Advancing QIS and Fundamental Science (Raphael Bousso, Joe Lykken, Yoshihisa Yamamoto, Maria Spiropulu + ...)

*Saturday, 22 February 2020 10:30 (1 hour)*

Gathering the perspective of leaders in quantum computing, quantum gravity, HEP theory and experiment. Where do we think each of the fields is going? What are near-term opportunities for cross-fertilization? How can we make best use of the opportunities offered by the National Quantum Initiative, by investments made by industry, and by the HEP Snowmass process? What are the long-term prospects for advancing scientific knowledge and technical capabilities if we are allowed to dream?

**Presenters:** CHOU, Aaron; LYKKEN, Joe (Fermilab); ZUREK, Kathryn; LEHNERT, Konrad; SPIROPULU, Maria (Caltech); BOUSSO, Raphael (Berkeley)

**Session Classification:** Evening session