

CESQ Colloquium

Tuesday February 10 @ 3 PM

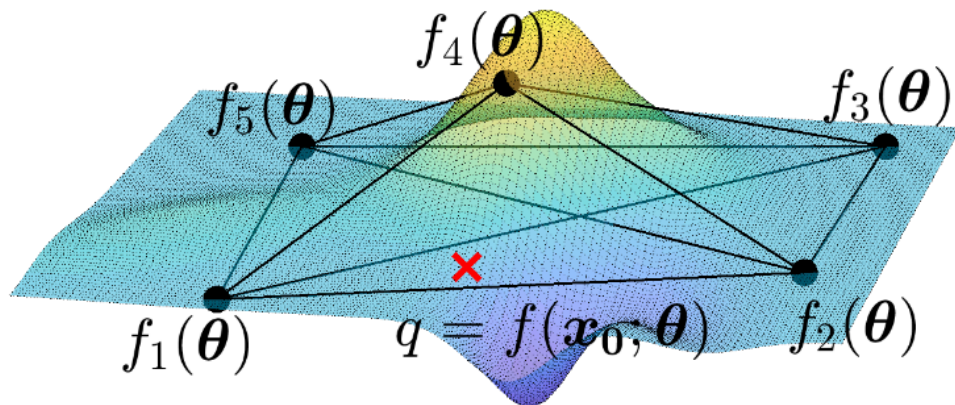
**Seminar Room, Centre Européen de Sciences Quantiques,
Campus de Cronenbourg**

Alexey Gorshkov

NIST and University of Maryland

Quantum sensor networks

Entangling quantum sensors, such as magnetometers or interferometers, can dramatically increase their sensitivity. In this talk, we will discuss how entanglement in a network of quantum sensors can be used to accurately measure one or more properties of spatially varying fields, including properties of spatially correlated noise.



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