

# CESQ Colloquium

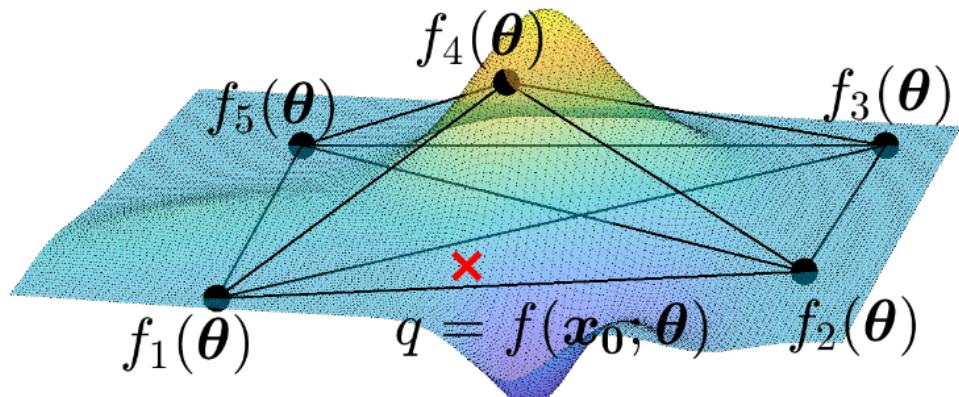
**Tuesday February 10 @ 3 PM**

**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.



**Contact:** Guido Pupillo (pupillo@unistra.fr), Jérôme Dubail (j.dubail@unistra.fr)