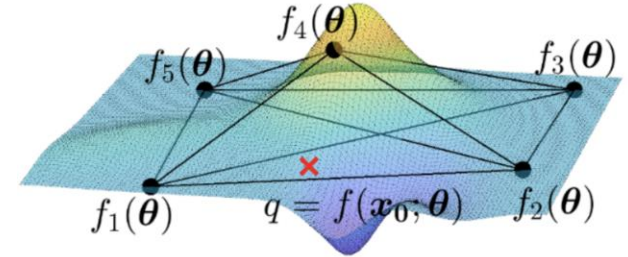


Prof. Dr. Alexey Gorshkov

(NIST Joint Center for Quantum Information and
Computer Science & University of Maryland)



Quantum sensor networks

Date: **Tuesday, June 30th, 2026**

Time: **12:00 – 13:00**

Location: **Building E2 5, HS II**

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.

