

Physics & Astronomy Colloquium

Presents



Kai Bongs

Professor and Director of Innovation,
Principle Investigator of the
UK National Quantum Technology Hub in
Sensors and Timing
University of Birmingham

Thursday, April 15, 2021

4:10 pm via Zoom

*Meet the speaker at 3:30 pm, join us in welcoming
the speaker and for an informal chat!*

“Quantum Sensors and their Applications”

In 2020, Quantum Sensors have been named one of the top 10 emerging technologies by the World Economic Forum. This is just one recent step in the rapid emergence of Quantum Technologies and the international race to harness their potential. The UK National Quantum Technology Hub in Sensors and Timing is looking into the ground-breaking possibilities quantum sensors promise in looking into the ground, seeing the activity of the human brain, detecting small objects in the air and finding your position wherever you are. This talk will provide an introduction to atom-based quantum sensors and clocks and discuss some of the emerging applications.

Host: Dr. Peter Engels

Meeting ID: 957 1082 3436 • Passcode: PhysAstro