

# VIENNA GRADUATE CONFERENCE ON COMPLEX QUANTUM SYSTEMS



# 2019

7pm **29** October / Ceremonial Hall  
University of Vienna

## PUBLIC TALK

**IAN WALMSLEY**  
IMPERIAL COLLEGE LONDON

### FROM FLEAS TO QUBITS: HOW OPTICS SHAPES PHYSICS

**Abstract:** Light has had a huge influence on the development of physics, and continues to help us push the frontiers of knowledge. From fundamental phenomena that yield new understanding about the world, to instruments and methods that provide enabling technologies for discovery from gravitational waves to sub-cellular biodynamics, optics continues to inform and to shape the world. I will explore why this is the case, from both a historical perspective and looking to the future.



Public Talk Registration Ends: 20 October 2019  
Website: [coqus.at/conference-2019/public-talk](http://coqus.at/conference-2019/public-talk)