Ümit Özgür — Virginia Commonwealth University, Richmond, VA USA
III-Nitride LEDs for Lighting: Opportunities and challenges

Dieter Suter — Fakultät Physik, TU Dortmund, Germany
Quantum computers: promise, problems and possible solutions

Onofrio Maragò — CNR-IPCF, Istituto per i Processi Chimico-Fisici, Messina, Italy
Optical trapping of nanostructures

Jens Biegert — ICFO - The Institute of Photonic Sciences, Barcelona, Spain
Mid-IR-driven Electron Recollision: Molecular Diffraction Imaging and Attosecond soft-X-rays

Paolo Creminelli — ICTP, Trieste, Strada Costiera 11, 34151 Trieste, Italy
Inflation: what do we know about the beginning of the Universe?

Feryal Ozel — University of Arizona
Solving the Mysteries of Neutron Stars and Black Holes

The Physics Colloquia are designed to address a non-specialist, broad audience and introduce topics of contemporary research through lectures by leading experts. We warmly invite all members of the student body, including undergraduates enrolled in any programme.