Catania-London European Partners Fund Virtual Workshop
Wednesday 16th September 2020
h13:00 – 17:00 BST (14:00 - 18:00 CEST)

Meeting on Quantum Technologies &
Organic and inorganic nanostructures for Energy, Sensing and Photonics

13:00 Dr Felice Torrisi – Welcome
13:10 Prof Martin Heeney - Development of materials for organic photovoltaic devices
13:30 Dr Cecilia Mattevi - Precise synthesis of nanostructured TMDs
13:50 Prof Myungshik Kim - Quantum Information research at Imperial
14:10 Prof Tim Green - Transformation of electricity grids for high fraction of variable renewable energy
14:30 Dr Felice Torrisi – Two-dimensional materials for energy, sensing and photonics

14.50 Break

15:00 Prof Salvatore Mirabella - Low-cost Ni nanostructures for efficient energy production and storage
15:20 Prof Giuseppe Falci - Quantum technologies with superconductors
15:40 Prof Antonio Terrasi - Transparent Electrodes for Solar Cells
16:00 Prof Francesco Ruffino - Laser-based Fabrication of Metal and Metal-Oxide Nanostructures for Energy, Sensing, and Photocatalysis
16:20 Breakout sessions: Quantum technology and Energy

16:50 Round Up and Conclusive remarks