

The European roadmap for science and technology of graphene and related materials

Andrea C. Ferrari

(Cambridge Graphene Centre, Cambridge CB3 0FA, UK)

I will present the science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems developed within the framework of the European Graphene Flagship[1]. I will focus on some emerging application areas, such as the integration of graphene with silicon photonics, and flexible devices.

[1] AC. Ferrari et al., *Nanoscale*, 2014, DOI: 10.1039/C4NR01600A