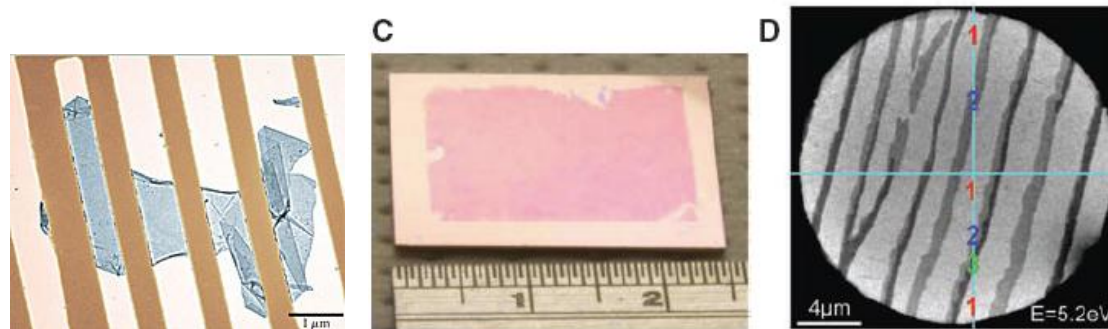
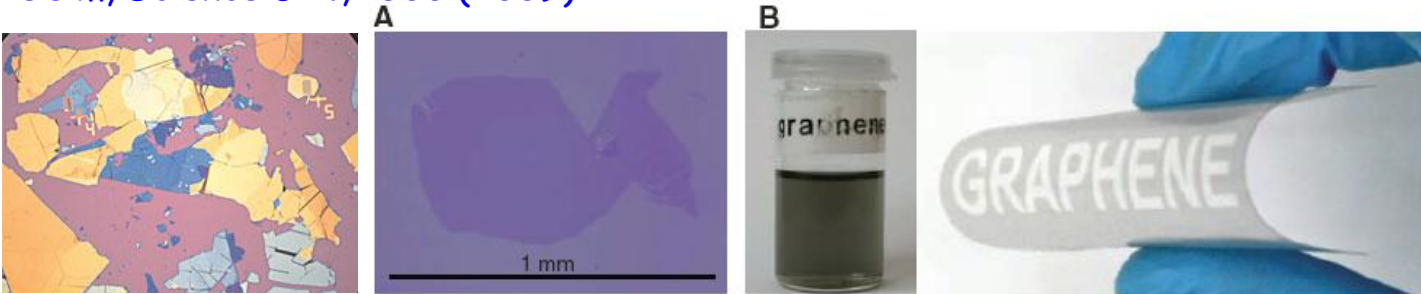


Bulk Graphene: Fabrication

Geim, Science 314, 1530 (2009)



Bae et al., arXiv:0912.5485

- (A) Mechanical exfoliation ("Scotch-tape technique")
- (B) Suspension of microcrystals obtained by ultrasound cleavage of graphite in chloroform
- (C) Graphene wafers as polycrystalline one- to five-layer films grown on Ni and transferred onto a Si wafer
- (D) State-of-the-art SiC wafer with atomic terraces covered by a graphitic monolayer
- (E) Chemical vapor deposition (CVD) synthesis of ultra-large 30 inch area monolayer graphene films and roll-based layer-by-layer transfer onto flexible substrates