ADVANCES IN MODELING AND SIMULATIONS OF GRAPHENE

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ABSTRACT

The focus of this minisymposium will be on the recent advances in modeling and simulations of graphene. Graphene continues to attract strong interest within the scientific community because it is a particularly exceptional material that promises a wide range of new applications. The minisymposium welcomes contributions in the area of graphene and its applications and may be theoretical, computational, and experimental. Topics include but are not limited to: study of electronic, optical, chemical, thermal, and mechanical properties, modeling of topological and structural defects, applications of nanomaterials such as nanowires, nanotubes, nanoribbons, and nanoscrolls.