

GraphITA 2011 : selected papers from the workshop on fundamentals and applications of graphene

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Abstrak

The technological exploitation of graphene can be considered to be based on four fundamental interconnected wide topics, growth and synthesis methods, nano-structuring and tailoring of graphene properties, structural and physical characterization, and device design and applications. This proceedings book presents the results highlighted at GraphITA 2011, a multidisciplinary and intersectorial European workshop on synthesis, characterization and technological exploitation of graphene. The workshop realised on 15-18 May at Gran Sasso National Laboratories (Assegi-L'Aquila, Italy) has brought together scientists and engineers working on different technological uses of graphene in a multidisciplinary and multisectorial (academia/industry) environment.