

Carbon nanotubes and graphene		
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Summary		
A3.II	<p>Carbon nanotubes and graphene-based nanostructures, are presently the most interesting and researched low dimensional nano-materials. The symposium will focus on progress and hot topics related to large scale production/processing, applications and industrial issues of carbon nanotubes and graphene. This specifically includes:</p> <ul style="list-style-type: none"> ○ Synthesis, sorting and selection methods ○ Production and applications of graphene stacked with boron nitride and similar 2D materials ○ Functionalization, dispersion, processing of carbon nanotubes and graphene ○ Electronic, optical and mechanical properties of carbon nanotubes, graphene and related devices ○ Biological activity and applications of carbon nanotubes and graphene ○ Metrology and standardization ○ Applications and industrial issues <p>This symposium will not deal with research related to composites, which is the scope of another specific symposium, "Carbon-containing composites".</p>	