

Semiconductor nanowires: synthesis, characterization and applications			
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	Summary		
<p>This symposium will address the synthesis, physical and chemical characterization techniques, and applications of semiconductor nanowires and other elongated semiconductor structures such as nano- and microtubes, belts, ribbons, needles and others, as well as more complex hierarchical structures based on them. Novel materials, alloys, and heterostructures in addition to new approaches to develop electronic and optical functions will be part of the symposium. Characterization includes the application of traditional and emerging optical, electronic and structural characterization techniques, providing information at the nanoscale, which is crucial in the field of nanomaterials. For devices, optoelectronic, energy conversion, sensing, biological, and hybrid devices fabricated from single or interconnected networks of nanowires and other structures will comprise an important topic of the symposium.</p>			