

THURSDAY, September 12 AM2- Nanowires. Growth. Chair: J.A.Zapien

Room	Time	Type of contribution	Presenting Author	Title or Paper Reference Number
Andalucía 1	11:00	Invited	Arbiol J.	0D, 1D and 2D Quantum Structures in a Semiconductor Nanowires: growth, structural modeling, atomic resolution direct polarity analyses and optical properties
	11:20			
	11:40	Oral	Xu F.	Tungsten oxide and tungsten oxynitride nanorods from Au-masked tungsten substrates
	12:00	Oral	Borras A.	Full-vacuum fabrication of supported organic@inorganic semiconducting nanowires
	12:20	Oral	Fonseca L.	Synthesis and thermoelectrical properties of ITO nanowires
	12:40	Oral	Diaz-Guerra C.	Luminescence of Bi ₂ O ₃ nanowires implanted with Eu and Er ions

THURSDAY, September 12 PM1-Nanowires. Optical characterization. Chair: G. Salviati

Andalucía 1	15:00	Invited	Gwo S.	Semiconductor-Nanorod Plasmonic Nanolasers
	15:20			
	15:40	Oral	Naranjo F. B.	Morphological and optical properties of nanocolumnar InN films grown by RF sputtering
	16:00	Oral	Bartolomé J.	Whispering gallery modes in indium oxide microwires with different cross sectional shape
	16:20	Invited	Mathur S.	Chemical Synthesis and Functionalization of Inorganic Nanowires and Nano-Heterostructures
	16:40			

THURSDAY, September 12 PM2-Nanowires. Optical and electrical properties. Chair: C. Díaz-Guerra

Andalucía 1	17:30	Invited	Zapien J. A.	Self assembled II-VI nanowires and nanoribbons for lasing and sensing applications.
	17:50			
	18:10	Oral	Djurisic A.	Surface treatments of ZnO nanowires and nanorods – effect on the optical properties
	18:30	Oral	Laurenti M.	Zinc oxide nanostructures grown on metal substrates as Li-ion battery anode
	18:50	Oral	Fabbri F.	Study of structural and light-emission properties of monocrystalline porous ZnO nanobelts from hybrid organic-inorganic precursors.
	19:10	Oral	Otone C.	Piezoelectric behavior of ultralong ZnO nanowire arrays synthesized by a template- assisted approach

FRIDAY, September 13 AM2- 1D nanostructures Morphology, structure and applications. Chair: S. Gwo

Andalucía 1	11:00	Invited	Salviati G.	SiO ₂ /SiC core-shell nanowires for nanomedicine applications
	11:20			
	11:40	Oral	Macias-Montero M.	Control of the nanocarpet effect by UV and VIS illumination of 1D photoactive surfaces based on TiO ₂ and ZnO nanorods
	12:00	Oral	Berlin J.	Element analysis by EDS; from nanostructures down to the atomic scale
	12:20	Oral	Kolosov V.	TEM of chalcogenide nanobelts with transrotational nanostructure growing in crystallizing amorphous films
	12:40	Oral	Kopecky D.	Influence of self-degraded template shape on final morphology of structured polypyrrole