

PRELIMINARY PROGRAM

Saturday 30 June 2018

8:30-9:00	Registrations		
	School 1, School 2 & School 3 (Crystal Hall)		
9:00-11:00	Welcome –S. Logothetidis (LTFN, AUTH, Greece) S. Logothetidis (LTFN, AUTH, Greece) <i>“Nanotechnology and Applications” and short discussion with the participants</i>		
11:00-11:30	Coffee Break - Poster Session		
	School 1 (Crystal Hall)	School 2 (Timber Hall 1)	School 3 (Timber Hall 2)
11:30-12:30	S. Kassavetis (AUTH, Greece) <i>“Protective & Functional nanocoatings: Growth Processes, Nanomechanical Characterization and Applications”</i>	C. Gravalidis (AUTH, Greece) <i>“From Lab to Pilot Manufacturing of Organic Electronics Devices”</i>	T. Choli-Papadopoulou (AUTH, Greece) <i>“How to create “intelligent” materials”</i>
12:30-13:30			
13:30-15:00	Lunch Break		
	School 1 & School 2 (Crystal Hall)		School 3 (Timber Hall 2)
15:00-16:00	L. Tzounis, (University of Ioannina, Greece) <i>“Thermoelectric Nanomaterials, Nanocomposites and Devices: From Inorganic to Organic TEGs for large-scale thermal energy harvesting in Aerospace, Automotive, Buildings and Wearables”</i>		V. Karagkiozaki (LTFN, AUTH, Greece) <i>“Fundamentals in Clinical Nanomedicine”</i>
16:00-17:00			
17:00-17:30	Coffee Break - Poster Session		
	School 1, School 2 & School 3 (Crystal Hall)		
17:30-18:30	Fluxim Demonstration – M. Neukom (Fluxim, Switzerland) <i>“Understanding solar cells: Modelling and characterization including live-demo of Fluxim's research tools Setfos and Paios”</i>		
18:30-20:00	Poster Session		
	Welcome dinner		

Sunday 1 July 2018

8:30-9:00	Registrations		
	School 1, School 2 & School 3 (Crystal Hall)		
9:00-11:00	F. Biscarini (University of Modena and Reggio Emilia, Italy) "Organic Bioelectronic: fundamentals for biosensings"		
11:00-11:30	Coffee Break - Poster Session		
	School 1 (Crystal Hall)	School 2 (Timber Hall 1)	School 3 (Timber Hall 2)
11:30-12:30	R. Palmer (Swansea University, UK) "The atomic structure, metastability and melting of Nanoparticles revealed with the aberration-corrected electron microscope"	Y. van de Burgt (Technische Universiteit Eindhoven, The Netherlands) "Organic electronics for neuromorphic computing"	T. Mitsiadis (University of Zurich, Switzerland) "Frontiers in modern medicine: tissue engineering and stem cell technology for neovascularization and neoinnervation"
12:30-13:30	R. Arenal (University of Zaragoza, Spain) "Electron Energy Loss Spectroscopy (EELS): principle and applications for investigating nanomaterials"	E. Lidorikis (University of Ioannina, Greece) "Modeling organic photovoltaics: optical considerations"	
13:30-15:00	Lunch Break		
	School 1 (Crystal Hall)	School 2 (Timber Hall 1)	School 3 (Timber Hall 2)
15:00-16:00	E. Kapon (EPFL, Switzerland) "Tailoring light-matter interaction at the nano-scale: Exploiting quantum and photonic confinements in semiconductor nanostructures"	A. Laskarakis (AUPh, Greece) "Intelligent Nanomanufacturing of Organic Electronics & In-Line Metrology for Quality Control"	G. Papadopoulos (University of Thessaly, Greece) "How to use Molecular Dynamics Simulations to study effects of Microwaves on Biological Molecules"
16:00-17:00		Y. Bonnassieux (Ecole polytechnique, France) "Organic electronic device from semi-conductor physic to compact model"	
17:00-17:30	Coffee Break - Poster Session		
	School 1, School 2 & School 3 (Crystal Hall)		
17:30-18:30	C. Small (Nature Communications, USA) "Editorial process here at Nature Communications"		
18:30-20:00	Poster Session		

Saturday 7 July 2018

School 1, School 2 & School 3 (Crystal Hall)			
9:00-11:00	I. Feitchans (Institute for Work and Health University of Lausanne, Switzerland) "Global Health Impacts of Nanotechnology Law for Scientists Solutions that Avoid Liability"		
11:00-11:30	Coffee Break - Poster Session		
School 1 (Crystal Hall)	School 2 (Timber Hall 1)	School 3 (Timber Hall 2)	
11:30-12:30	Prof. Jacek Szczytko (University of Warsaw, Poland) "Organic Spintronics – manipulating of electron spin in organic materials"	K. Porfyrakis (University of Oxford, UK) "Carbon Nanomaterials: Synthesis, Properties and Applications"	Y. Missirlis (University of Patras, Greece) "Introduction to Bioreactors for Tissue Engineering"
12:30-13:30			H. Berthag (Cellink, Sweden) "3D BioPrinting"
13:30-15:00	Lunch Break		
School 1, School 2 & School 3 (Crystal Hall)			
15:00-16:00	C. Fito and M. Domat (ITENE, Spain)		
16:00-17:00	"Demonstration of NP characterization"		
17:00-17:30	Coffee Break - Poster Session		
School 1, School 2 & School 3 (Crystal Hall)			
17:30-18:30	Final Test - Conclusions		
18:30-19:00	Closing Remarks		