Monday Jun. 8 Room A		
7:00-8:00AM	Breakfast	
Session: Keynote Speakers Chair: Anna Kozlowska		
8:00-8:25AM	A01: High-performance, low-cost, single-crystal-like device layers and controlled self-assembly of nanostructures within device layers for wide-ranging energy and electronic applications	**Amit Goyal** University at Buffalo USA
Session: Materials I Chair: Amit Goyal		
8:25-8:50AM	A02: Graphene layer as surface transparent electrode, advantages and drawbacks	**Anna Kozlowska** Institute of Electronic Materials Technology Poland
8:50-9:15AM	A03: Microelectrochemical capillary experiments in energy material research	**Ulrike Langklotz** Fraunhofer-Institut für Keramische Technologien und Systeme Germany
9:15-9:40AM	A04: Multi-Dye-Stacked Light-Harvesting Antennas Grown by Liquid-Phase Molecular Layer Deposition for Sensitization of ZnO	**Tetsuzo Yoshimura** Tokyo University of Technology Japan
9:40-10:05 AM	A05: Surface characterization and optical properties of phosphor materials	**Hendrik Swart** University of Free State South Africa
10:05-10:20AM	Session Break	
Session: Photonics and Optoelectronics I Chair: Amit Goyal		
10:20 -10:45AM	A06: Excited state dynamics in nanomaterials for solar energy applications	**Oleg Prezhdo** University of Southern California USA
10:45-11:10AM	A07: Multiphoton microscopy for investigation of optical nonlinearities in layered materials	**Lasse Karvonen** Aalto University Finland
11:10-11:35AM	A08: Phase camera for observing nanoscale aberrations of an optical cavity	**Kazuhiro Agatsuma** National Institute for Subatomic Physics The Netherlands
11:35-12:00PM	A09: Enhanced nonlinear optical response in plasmonic nanomaterials	**Tiziana Cesca** University of Padova Italy

12:00-12:25 PM	A10: Property-controlled III-N quantum dots for quantum photonics	**Hui Deng** University of Michigan USA
12:30-13:30 PM	Lunch Break	

Monday Jun. 8 Room B		
13:30-13:35 PM	**Welcome and Introduction** **Chair: Jasper Knoester**	
Session: Excitons in organic systems Chair: Jenny Clark		
13:35-14:15 PM	B01: Short-Range and Long-Range Excitonic Coupling in Molecular Aggregates: Introducing a New Design Paradigm for Organic Materials	**Frank Spano** Temple University, USA
14:15 -14:55 PM	B02: Soft Supra-Molecular Nanotubes for Robust Light Harvesting?	**Dorthe Eisele** CUNY, USA
14:55 -15:35 PM	B03: Benchmarking calculations of excitonic couplings between chlorophylls	**Ivan Kassal** The University of Queensland Australia
15:35-15:55PM	Session Break	
Session: Biological and biocompatible systems Chair: David Vanden Bout		
15:55-16:35PM	B04: Elucidation of the Mechanisms of Photoprotection in Single LHCII Complexes	**Gabriela Schlau Cohen** MIT, USA
16:35-17:15PM	B05: Conformational Memory of Single Photosynthetic Pigment-Protein Complexes A Precursor of Non-Photochemical Quenching?	**Juergen Koehler** University Of Bayreuth Germany
18:00PM	Dinner Social	

Monday Jun. 8 Room C		
Session: Laser I Chair: Nadjib Semmar		
13:30-13:55 PM	C01: Coherent control of a molecular ionization process by using Fourier-synthesized laser fields	**Hideki Ohmura** National Institute of Advanced Industrial Science and Technology Japan
13:55 -14:20 PM	C02: Material gain in dilute nitrides materials using 8-band and 10-band models	**Marta Gladysiewicz-Kudrawiec** Wroclaw University of Technology Poland
14:20 -14:45 PM	C03: Multiple optical injection in semiconductor laser	**Najm M. Al-Hosiny** Aljouf University Saudi Arabia
14:45 -15:10PM	C04: Organic thin-film solid-state lasers: towards applications	**Sebastien Chenais** PARIS 13 University and CNRS France
Session: Process and Device I Chair: Hideki Ohmura		
15:10-15:35PM	C05: Real-Time Laser Based Diagnostics for Complex Thin Films Thermo-physical and Thermo-electrical Properties Characterization	**Nadjib Semmar** University of Orleans/CNRS France
15:35-15:55PM	Session Break	
15:55-16:20PM	C06: Principle of innovative laser-dicing of silicon wafer -Stealth Dicing	**Etsuji Ohmura** Osaka University Japan
16:20-16:45PM	C07: Gate-bias dependent carrier distribution visualization in SiC power-MOSFET using super-higher-order SNDM	**Yasuo Cho** Tohoku University Japan
16:45-17:10PM	C08: Charge modulation spectroscopy and electric field induced optical second harmonic generation measurement for analysing organic device	**Eunju Lim** Dankook University Korea
17:10-17:35PM	C09: Towards the fabrication of 3D-LiNbO3 nanostructures	**Gwenn Ulliac** Institute of FEMTO-ST France
18:00PM	Dinner Social	

Monday Jun. 8 Room D		
Session: Amorphous and Nano-crystalline I Chair: Vitezslav Benda		
13:30-13:55 PM	D01: TiO2-based nanostructures for photocatalytic applications synthesized by vapor-phase pulsed laser ablation	**Takehito Yoshida** National Institute of technology Japan
13:55 -14:20 PM	D02: Nanoparticles and Nanostructures Produced by Ultra-short Laser Ablation in Liquid	**Roberto Teghil** Universita della Basilicata Italy
14:20 -14:45 PM	D03: Deposition and Characterization of Silicon/Nitrogen-Doped Diamond-Like Carbon Films	**Hideki Nakazawa** Hirosaki University Japan
14:45 -15:10PM	D04: Avalanche amorphous Selenium (a-Se) for optical and x-ray imaging	**Alla Reznik** Lakehead University Canada
Session: General I Chair: Takehito Yoshida		
15:10-15:35PM	D05: Photovoltaic cells and modules towards terrawatt era	**Vitezslav Benda** Czech Technical University in Prague Czech Republic
15:35-15:55PM	Session Break	
15:55-16:20PM	D06: Quantitative Analysis of Coal Using Laser Induced Breakdown Spectroscopy	**Zhe Wang** Tsinghua University China
16:20-16:35PM	D07: Catalyst-free growth of ZnO nanowires on sapphire substrates by various steps of laser processing	**Tetsuya Shimogaki** Kyushu University Japan
16:35-17:00PM	D08: Integrated Circuits for Analog Optical Applications	**Vincent Urick** Naval Research Lab USA
17:00-17:25PM	D09: Electroluminescence on thin film of polymer	**Anjali Kanojia** Jabalpur College India
18:00PM	Dinner Social	

Tuesday Jun. 9 Room B		
7:00-8:00AM	Breakfast	
Session: Singlet fission Chair: Libai Huang		
8:45-9:25AM	B06: To be determined	**Jenny Clark** University of Sheffield, UK UK
9:25-10:05AM	B07: Uncovering Structure-Function Relationships for Singlet Exciton Fission	**Sean Roberts** University of Texas at Austin, USA
10:05-10:20AM	Session Break	
Session: Charge transfer and transport Chair: Frank Spano		
10:20 -11:00AM	B08: Extended Charge Carrier Lifetimes in Hierarchical Donor-Acceptor Supramolecular Polymer Films	**Amy Scott** University of Miami USA
11:00-11:40AM	B09: Signatures of charge transfer in the fifth-order nonlinear response	**Arend Dijkstra** Max-Planck Institute for Structure and Dynamics of Matter Germany
12:30-13:30 PM	Lunch Break	
Session: Exciton dynamics and transport I Chair: Gabriela Schlau-Cohen		
13:50-14:30 PM	B10: Energy Transport in Nanotubular Supramolecular Cyanine Aggregate Systems	**David Vanden Bout** University of Texas at Austin, USA
14:30 -15:10 PM	B11: Direct imaging of long-range exciton transport in porphyrin aggregates by ultrafast microscopy	**Libai Huang** Purdue University, USA
15:10 - 15:55 PM	Poster Session	
15:55 -16:35 PM	B12: Exciton dynamics in tubular porphyrin aggregates	**Anna Stradomska** University of Glasgow, Scotland Scotland
Session: Exciton dynamics and transport II Chair: Dorthe Eisele		
16:35-17:15PM	B13: Coherent Transport in Light-harvesting and Nano-scale Systems	**Jianshu Cao** MIT, USA
17:15-17:55PM	B14: Modeling Excitation Energy Transport in Supramolecular Systems	**Jasper Knoester** University of Groningen The Netherlands
18:00PM	Dinner Social	

Tuesday Jun. 9 Room C		
7:00-8:00AM	Breakfast	
Session: Process and Device II Chair: Volker J. Sorger		
8:00-8:25AM	C10: Physics of Metal/Ge Interfaces; Fermi-level Unpinning and Interface Disorders	**Takashi Nakayama** Chiba University Japan
8:25-8:50AM	C11: Synthesis and Characterization of Cd-free Buffer layers to be used in thin films solar Cells	**William Vallejo** Atlantic University Colombia
8:50-9:15AM	C12: Growth and doping control of diamond semiconductor for junction device applications	**Hiromitsu Kato** Energy Technology Research Institute, AIST Japan
9:15-9:40AM	C13: Interferometric imaging for the detection of nanoparticles and for airborne instrumentation	**Sawitree Saengkaew** University of Rouen France
9:40-10:05 AM	C14: Dielectric nanocomposites as high energy density capacitors : Drawbacks and Challenges	**P.Thomas** Central Power Research Institute India
10:05-10:20AM	Session Break	
Session: Photonics and Optoelectronics II Chair: William Vallejo		
10:20 -10:45AM	C15: 2-D Materials for strong light-matter-interaction and photo conversion devices	**Volker J. Sorger** The George Washington University USA
10:45-11:10AM	C16: Sensitive Terahertz-wave detection and imaging by nonlinear frequency up-conversion	**Hiroaki Minamide** RIKEN Japan
11:10-11:35AM	C17: New developments in guided-mode resonance nanophotonics	**Robert Magnusson** University of Texas at Arlington USA
11:35-12:00PM	C18: An Optimized Spectral Response the HBT InP/InGaAs as an Optoelectronic Mixer mm-wave Radio over Fiber	**Sevia M. Idrus** Universiti Teknologi Malaysia Malaysia
12:00-12:25 PM	C19: Cu_2O-based solar cells using oxide semiconductors	**Toshihiro Miyata** Kanazawa Institute of Technology Japan
12:30-13:30 PM	Lunch Break	

Session: III-Nitrides for Energy Conversion and Solid State Lighting Chair: Graham Turnbull		
13:30-13:55 PM	C20: Recent progress in fabrication process for highly efficient GaN LEDs	**Joon Seop Kwak** Sunchon National University South Korea
13:55 -14:20 PM	C21: Is electron accumulation in InN intrinsic or may it be a material for photovoltaic applications?	**Holger Eisele** Technical University of Berlin, Germany Germany
14:20 -14:45 PM	C22: Surface modification of III-Nitride epilayers by Chemical Mechanical Planarization (CMP)	**Dibakar Das** University of Hyderabad India
Session: Photonics and Optoelectronics III Chair: Joon Seop Kwak		
14:45 -15:10PM	C23: Organic semiconductor light sources for visible light communications	**Graham Turnbull** University of St Andrews USA
15:10-15:55PM	Poster Session	
15:55-16:20PM	C24: Optical cavity spectroscopy for environment, military and medicine applications	**Jacek Wojtas** Military University of Technology Poland
Session: Amorphous and Nano-crystalline II Chair: Jacek Wojtas		
16:20-16:45PM	C25: Enhancing the luminescent properties of Si nanoparticles by applying the additional continuous laser during ablation in liquid	**Dusan Popovic** University of Belgrade Serbia
16:45-17:10PM	C26: Newly Developed Soft Magnetic NANOMET® Powder Cores with High Magnetic Flux Density	**Yan Zhang** Tohoku University Japan
18:00PM	Dinner Social	

Tuesday Jun. 9 Room D		
7:00-8:00AM	Breakfast	
Session: Materials II Chair: Masaaki Tanaka		
8:00-8:25AM	D10: Graphene and graphene based nanostructures as molecular transporters	**Ewa Mijowska** West Pomeranian University of Technology Poland
8:25-8:50AM	D11: Plasmonic nanostructure instability by surface diffusion	**James Chon** Swinburne University of Technology Australia
8:50-9:15AM	D12: Effects of kosmotrope and chaotrope interactions at the micelle surfaces on the formation of lyotropic biaxial nematic phases: Intrinsically Biaxial Micelle Model	**Erol Akpinar** Abant Izzet Baysal University Turkey
9:15-9:40AM	D13: Studying the effect of zeolite inclusion in aluminum alloy on measurement of its hardness using electron density measurement	**Osama Khalil** MTI University Egypt
9:40-10:05 AM	D14: Ferromagnetic semiconductors and heterostructures for semiconductor spintronics: New n-type electron-induced ferromagnetic semiconductor and its quantum wells	**Masaaki Tanaka** University of Tokyo Japan
10:05-10:20AM	Session Break	
Session: Physics I Chair: Ewa Mijowska		
10:20 -10:45AM	D15: Switchable photo-induced current of strongly correlated ferroelectric thin films	**Norifumi Fujimura** Osaka Prefecture University Japan
10:45-11:10AM	D16: Dynamic Modeling and Control of Membrane Filtration Process	**Norhaliza Abdul Wahab** Universiti Teknologi Malaysia Malaysia
11:10-11:35AM	D17: Quantum spin dynamics and spin-orbit coupling at terahertz frequencies in strained germanium quantum wells	**Michele Failla** University of Warwick UK
11:35-11:50AM	D18: First-principle Vs Experimental design of Diluted Magnetic Semiconductor	**Omar Mounkachi** Moroccan Foundation for Advanced Science, Innovation and Reseach Morocco

12:30-13:30 PM	Lunch Break	
Session: Laser II Chair: Massimo Bottini		
13:30-13:55 PM	D19: Noiselike pulses from modelocked fiber lasers: recent advances and applications	**Olivier Pottiez** Center for Research in Optics (CIO) Mexico
13:55 -14:20 PM	D20: Optical properties of type II quantum wells predicted for active region in Interband Cascade Lasers	**Marcin Motyka** Wroclaw University of Technology Poland
14:20 -14:45 PM	D21: Er:Yb double clad single mode fiber laser configurations	**Baldemar Ibarra-Escamilla** National Institute of Astrophysics, Optics and Electronics Mexico
14:45 -15:10PM	D22: High energy high frequency P-P lasers	**Victor V. Apollonov** Prokhorov General Physics Institute of RAS Russia
15:10-15:55PM	Poster Session	
15:55-16:00PM	**Welcome to the Workshop of Nanomedicine** **Chair: Massimo Bottini**	
Session: Nanomedicine I Chair: Olivier Pottiez		
16:00-16:25PM	D23: Intra-articular carbon nanotubes in the treatment of osteoarthritis	**Massimo Bottini** University of Rome Tor Vergata and Sanford Burnham Medical Research Institute Italy
16:25-16:50PM	D24: Interactions between carbon-based nanomaterials and the immune system: focus on inflammation	**Bengt Fadeel** Karolinska Institutet, Sweden Sweden
16:50-17:15PM	D25: Dendrimer Nanomedicine for Targeted Cancer Gene Therapy	**Hu Yang** Virginia Commonwealth University, USA
17:15-17:40PM	D26: Self-assembling zwitterionic nanogels for pancreatic islet immunoisolation	**Omid Veiseh** MIT, USA
18:00PM	Dinner Social	

Wednesday Jun. 10 Room B		
7:00-8:00AM	Breakfast	
Session: Process and Device III Chair: Juejun Hu		
8:10-8:35AM	B15: Trapping and Breakdown in GaN devices: A simulation study	**Kazushige Horio** Shibaura Institute of Technology Japan
8:35-9:00AM	B16: N-related Defects of (In)GaAsN for High-Efficiency Multi-Junction Solar Cells	**Nobuaki Kojima** Toyota Technological Institute Japan
9:00-9:15AM	B17: Pathways for lowering the Interface Trap Density in Ge based MOS devices	**Ole Bethge** Vienna University of Technology Austria
9:15-9:40AM	B18: Control of the surface chemistry during Inductively-coupled plasma etching of InP and related compounds for the fabrication of photonic devices	**Sophie Bouchoule** CNRS-LPN France
9:40-10:05 AM	B19: Modeling of the Space-charge Region in Nanowire Junctions	**Shreepad Karmalkar** Indian Institute of Technology India
10:05-10:20AM	Session Break	
Session: Photonics and Optoelectronics IV Chair: Nobuaki Kojima		
10:20 -10:45AM	B20: Monolithic Platforms for Mid-Wave Infrared (MWIR) Sensing	**Juejun Hu** MIT USA
10:45-11:00AM	B21: Properties of PbTe mid-infrared imaging devices of focal plane arrays	**Arata Yasuda** National Institute of Technology, Tsuruoka College Japan
11:00-11:25AM	B22: Cavity Quantum Electrodynamics in a Quantum Dot Molecule - Photonic Crystal Architecture	**Patrick Vora** George Mason University USA
11:25-11:50PM	B23: Replication of large-area nanostructures for optical devices	**Keisuke Nagato** The University of Tokyo Japan
12:30-13:30 PM	Lunch Break	

Session: Laser III Chair: Jifeng Liu		
14:00-14:25 PM	B24: Ultrabright terahertz-wave generation using nonlinear wavelength conversion at room temperature	**Shin'ichiro Hayashi** RIKEN Japan
14:25 -14:50 PM	B25: The uniformity investigations of type II InAs/GaInSb W-shaped quantum wells wafers by means of mid-infrared photoluminescence spectroscopy	**Mateusz Dyksik** Wrocław University of Technology Poland
14:50 -15:15 PM	B26: Improved relations for shock ignition hot-spot condition	**Seyed Abolfazl Ghasemi** Science and Technology Research Institute Iran
15:15 -15:40PM	B27: Integrated micro-ring photonics: principles and applications for soliton generation, mode-locked lasers and optical communications	**IS Amiri** University of Malaya, Malaysia
15:40-15:55PM	Session Break	
Session: Photonics and Optoelectronics V Chair: Mateusz Dyksik		
15:55-16:20PM	B28: Nanomaterials for light management and solar energy harvesting	**Jifeng Liu** Dartmouth College USA
16:20-16:45PM	B29: Nano-photonic and nano-plasmonic structures to harvest photons in thin film solar architectures	**Rana Biswas** Ames Laboratory and Iowa State University USA
16:45-17:10PM	B30: Tunable multiwavelength fiber lasers based on a Mach-Zehnder interferometer and photonic crystal fiber	**Juan M. Sierra-Hernandez** Universidad de Guanajuato Mexico
17:10-17:35PM	B31: Self-organized structuring of light bullets, dissipationless vortices, and lightning	**Vladimir Skarka** University of Angers France
17:35-17:50PM	B32: Self-energy function of quantum-dot and non-radiative transition	**Mohammad Reza Mohebbifar** Kazan Federal University, Russia Russia
18:00PM	Dinner Social	

Wednesday Jun. 10 Room C		
7:00-8:00AM	Breakfast	
Session: Materials III Chair: Nate Newman		
8:00-8:25AM	C27: Optical properties of novel semiconductor compounds: Dilute bismides	**Robert Kudrawiec** Wroclaw University of Technology Poland
8:25-8:50AM	C28: Self-organized vicinal surfaces used for nanostructure growth	**Elsa Thune** Ecole Nationale Supérieure de Céramique Industrielle France
8:50-9:15AM	C29: Femtosecond laser-induced micro and nanostructured metallic oxides	**Santiago Camacho-Lopez** CICESE Mexico
9:15-9:40AM	C30: TiO2 nanomaterials: synthesis, properties, modifications, and photocatalytic applications	**Giuliana Impellizzeri** University of Catania Italy
9:40-10:05 AM	C31: Nonlinear optical properties of Au-nanoparticles in water, lipodic acid, and NaCl	**Monica Trejo Duran** University of Guanajuato Mexico
10:05-10:20AM	Session Break	
Session: Materials IV Chair: Robert Kudrawiec		
10:20 -10:35AM	C32: Mechanism of Microwave Loss in Commercial Dielectric Materials	**Nate Newman** Arizona State University USA
10:35-11:00AM	C33: Field-effect surface chemistry: Gate-controlled photo-oxidation of graphene	**Ryo Nouchi** Osaka Prefecture University Japan
11:00-11:25AM	C34: Bulk Photovoltaic Effects in BiFeO3 Thin Films	**Seiji Nakashima** University of Hyogo Japan
11:25-11:50PM	C35: Silicon Nanostructures for Nanoelectronics and Photovoltaics	**Kunji Chen** Nanjing University China
12:30-13:30 PM	Lunch Break	

Session: Nanomedicine II Chair: Takashi Goto		
14:00-14:25 PM	C37: Engineered Soft Bionanocomposites	**Vladimir V. Tsukruk** Georgia Institute of Technology and Molecular Science&Engineering USA
14:25 -14:50 PM	C38: Understanding the formation of lipid-polymeric patchy particles	**Carolina Salvador-Morales** George Mason University, USA
14:50 -15:15 PM	C39: Metal Nanoantimicrobials: a smart electrochemical solution to the quest for novel antibacterial agents, or just another toxic chemical?	**Nicola Cioffi** Università degli Studi di Bari "Aldo Moro" Italy
Session: General II Chair: Vladimir V. Tsukruk		
15:15 -15:40PM	C40: High speed and low temperature deposition of SiC film by laser CVD	**Takashi Goto** Tohoku University Japan
15:40-15:55PM	Session Break	
15:55-16:20PM	C41: In-situ TEM observation of Li battery reactions at electrolyte/electrode interface using liquid cell	**Akihiro Kushima** MIT, USA
16:20-16:35PM	C42: Planar chiral nanostructures for biosensing	**Lingling Huang** Beijing Institute of Technology China
16:35-16:50PM	C43: Jahn-Teller Cu(II) ion induced mm wave energy levels in ferroelectric crystals of Cu(II):Cd2(NH4)2(SO4)3	**Dilip K. De** Covenant University Nigeria
18:00PM	Dinner Social	

Wednesday Jun. 10 Room D		
7:00-8:00AM	Breakfast	
Session: General III Chair: Randy Jalem		
8:20-8:45AM	D27: Electromagnetic Coupling in Regular Arrays of Plasmonic Nanostructures	**Anatoliy Pinchuk** University of Colorado Colorado Springs USA
8:45-9:10AM	D28: Organic polariton condensates in all-dielectric microcavities: Polariton interactions and coherence properties	**Raymond Murray** Imperial College London, UK UK
9:10-9:35AM	D29: Thermoelectronic Solar Power Conversion with Parabolic Concentrato	**Dilip K. De** Covenant University Nigeria
9:35-9:50AM	D30: Innovative therapeutic and diagnostic tools based on delivery and imaging of miRNAs by multifunctional carbon nanotubes	**Silvia Bistarelli** National Laboratory of Frascati, Italy
Session: Physics II Chair: Anatoliy Pinchuk		
9:50-10:05 AM	D31: An efficient rule-based screening approach for discovering fast ion conductors using density functional theory and informatics	**Randy Jalem** Global Research Center for Environment and Energy Based on Nanomaterials Science (GREEN) –National Institute for Materials Science (NIMS) Japan
10:05-10:20AM	Session Break	
10:20-10:45AM	D32: Ultrafast Spectroscopic Study of Acoustic Transport and Phonon Interactions in Nanoscale Materials	**Masashi Yamaguchi** Rensselaer Polytechnic Institute USA
10:45-11:10AM	D33: Mechanical manipulation of Skyrmion crystal	**Yoichi Nii** RIKEN Japan
11:10-11:35AM	D34: Control of mesoscale phenomena in strongly correlated oxides	**T.Zac Ward** Oak Ridge National Laboratory USA
11:35-12:00PM	D35: Huge spin-driven polarizations and optical-diode effect at room temperature in $BiFeO_3$	**Jun Hee Lee** Oak Ridge National Laboratory USA
12:30-13:30 PM	Lunch Break	
Session: Nanomedicine III Chair: Luis Felipe Jiménez García		

14:00-14:25 PM	D36: Immunotoxicity of nanomaterials	**Andrij Holian** University of Montana, USA
14:25 -14:50 PM	D37: Multifunctional rare-earth based nanoparticles for reactive oxygen species sensing and magnetic resonance imaging	**Antigoni Alexandrou** Ecole polytechnique France
14:50 -15:15 PM	D38: Tumor penetrating pH-sensitive polymersomes for intraperitoneal tumor theranostics	**Lorena Simon Gracia** University of Tartu Estonia
15:15 -15:40PM	D39: Molecular imaging and nanotechnology to study biology of tumor microenvironment	**Jamal Zweit** Virginia Commonwealth University USA
15:40-15:55PM	Session Break	
Session: Nanomedicine IV Chair: Andrij Holian		
15:55-16:20PM	D40: Cerium oxide nanoparticles for normal tissue protection during radiation therapy: combining molecular imaging and nanotechnology approaches	**Philip Reed McDonagh** Virginia Commonwealth University, USA
16:20-16:45PM	D41:Nanotherapeutic approaches for the management of arthritis	**Christine Pham** Washington University School of Medicine USA
16:45-17:10PM	D42: Probing cell structure by atomic force microscopy	**Luis Felipe Jiménez García** Universidad Nacional Autónoma de Mexico Mexico
17:10-17:35PM	D43: How functional genomics informs nano-drug design for precision cancer medicine	**Alexander H. Stegh** Robert H. Lurie Cancer Center USA
17:35-17:40PM	**Concluding remarks** **Chair: Massimo Bottini**	
18:00PM	Dinner Social	

Tuesday Jun. 9 15:10-15:55PM		
Poster Session		
P1	Solvent-Free Functionalization of Multiwalled Carbon Nanotube-Based Buckypaper with Amines	**E. V. Basiuk** Universidad Nacional Autónoma de México Mexico
P2	Interaction of a Ni(II) Tetraazaannulene Complex with Spherical Fullerenes and Short Carbon Nanotube Models: A DFT Study	**Vladimir A. Basiuk** Universidad Nacional Autónoma de México Mexico
P3	In Situ Functionalization of Multiwalled Carbon Nanotube Buckypaper with a Long-Chain Aliphatic Amine Polyethyleneimine	**V. Meza-Laguna** Universidad Nacional Autónoma de México Mexico
P4	Advances in Pd/Pt Nanoparticle Size decoration of mesoporous carbon spheres for energy application	**Ryszard Kaleńczuk** West Pomeranian University of Technology Poland
P5	Hig Brightness diode-pumped organic solid-state laser	**Sébastien Forget** PARIS 13 University and CNRS France
P6	Simulations of Polyelectrolytes	**Filip Uhlik** Charles University in Prague Czech Republic
P7	Coordination Functionalization of Graphene Oxide and Nanodiamond with Tetraazamacrocyclic Complexes of Nickel(II)	**E. V. Basiuk** Universidad Nacional Autónoma de México Mexico
P8	Noncovalent Complexes of Phthalocyanines with Spherical Fullerenes and Short Nanotube Models: A DFT Study	**Vladimir A. Basiuk** Universidad Nacional Autónoma de México Mexico
P9	Non-Covalent Functionalization of Multiwalled Carbon Nanotube Buckypaper with a Ni(II) Tetraazaannulene Complex	**V. Meza-Laguna** Universidad Nacional Autónoma de México Mexico