

APMAS 2017

7th INTERNATIONAL ADVANCES IN APPLIED PHYSICS AND MATERIALS
SCIENCE CONGRESS & EXHIBITION

BIOMATSEN 2017

3rd INTERNATIONAL SYMPOSIUM ON BIOMATERIALS & BIOSENSORS

ENEFM 2017

4th INTERNATIONAL SYMPOSIUM ON ENERGY EFFICIENCY AND ENERGY
RELATED MATERIALS

InterM 2017

4th INTERNATIONAL SYMPOSIUM ON MICROSCOPY AND SPECTROSCOPY

APRIL 22-26, 2017

Sentido Lykia Resort & Spa-Liberty Hotels Lykia, Oludeniz
MUGLA / TURKEY

PROGRAM THURSDAY, APRIL 20, 2017	
14:00-23:30	REGISTRATION FOR EARLY ARRIVALS (14:00 Check-in)

PROGRAM FRIDAY, APRIL 21, 2017	
10:00-23:30	REGISTRATION (14:00 Check-in)

PROGRAM SATURDAY, APRIL 22, 2017	
YUNUS EMRE 1	
OPENING SESSION 09:30-09:45	Chairperson: Z. Banu Oral OPENING CEREMONY Haluk Görgün, Rector of Gebze Technical University

<p style="text-align: center;">PLENARY SESSIONS 09:45-10:30</p>	<p>Chairperson: M. Alper Sahiner</p> <p style="text-align: center;">PLENARY SESSION M. Alper Sahiner Seton Hall University, USA (Plenary Speaker)</p> <p style="text-align: center;">“Recent Developments on High k-dielectrics: Zr effects on the structure Hf_{1-x}Zr_xO₂ Thin Films”</p>
<p style="text-align: center;">10:30-11:00</p>	<p style="text-align: center;">COFFEE BREAK</p>
<p style="text-align: center;">PLENARY SESSIONS 11:00-11:45</p>	<p>Chairperson: M. Alper Sahiner</p> <p style="text-align: center;">PLENARY SESSION Ben Zhong Tang The Hong Kong University of Science and Technology, China (Plenary Speaker)</p> <p style="text-align: center;">“Advanced Biomaterials and Biosensors from AIEgens”</p>
<p style="text-align: center;">PLENARY SESSIONS 11:45-12:30</p>	<p>Chairperson: M. Alper Sahiner</p> <p style="text-align: center;">PLENARY SESSION Toshio Miyamachi The University of Tokyo, Japan (Plenary Speaker)</p> <p style="text-align: center;">“Atomic scale surface magnetism of monatomic-layer iron nitride studied by scanning tunneling microscopy and synchrotron-based techniques”</p>
<p style="text-align: center;">12:30-14:00</p>	<p style="text-align: center;">LUNCH</p>
<p style="text-align: center;">PLENARY SESSIONS 14:00-14:45</p>	<p>Chairperson: Murat Ates</p> <p style="text-align: center;">PLENARY SESSION Murat Ates Namik Kemal University, Turkey (Plenary Speaker)</p> <p style="text-align: center;">“Supercapacitor behaviors of carbon based nanomaterials”</p>
<p style="text-align: center;">PLENARY SESSIONS 14:45-15:30</p>	<p>Chairperson: Murat Ates</p> <p style="text-align: center;">PLENARY SESSION Zhe Wang Tsinghua University, China (Plenary Speaker)</p> <p style="text-align: center;">“Realizing accurate quantification for laser-induced breakdown spectroscopy”</p>

<p style="text-align: center;">PLENARY SESSIONS 15:30-16:15</p>	<p>Chairperson: Murat Ates</p> <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">Chuanbao Cao Beijing Institute of Technology, China</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“Novel Graphene and Graphene like 2D materials synthesis and their energy storage applications”</p>
<p style="text-align: center;">16:15-16:45</p>	<p style="text-align: center;">COFFEE BREAK</p>
<p style="text-align: center;">PLENARY SESSIONS 16:45-17:30</p>	<p>Chairperson: Olivier Soppera</p> <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">Olivier Soppera French National Centre for Scientific Research, France</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“Photoinduced preparation of Molecularly Imprinted Polymers (MIP) for sensor applications”</p>
<p style="text-align: center;">PLENARY SESSIONS 17:30-18:15</p>	<p>Chairperson: Olivier Soppera</p> <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">Fernando Palacio Instituto de Ciencia de Materiales de Aragón, Spain</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“ Thermometry at the Nanoscale using Functionalized Nanoparticles”</p>

PROGRAM			
SUNDAY, APRIL 23, 2017			
YUNUS EMRE 1			
PLENARY SESSIONS 09:15-10:00	Chairperson: A.Yavuz Oral <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">Tukayi Kudanga Durban University of Technology, South Africa</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“Enzymatic approaches for the functionalization of lignocellulose materials”</p>		
10:00-10:30	COFFEE BREAK		
	Yunus Emre 1	Yunus Emre 2	Aristo
PARALLEL SESSIONS 10:30-12:30	Chairperson: Antoine Barbier (10:30-11:00) Antoine Barbier Iramis CEA, France (Invited Speaker) Epitaxial BaTiO ₃ (001) thin films based artificial multiferroic heterostructures (11:00—11:30) Andrei Salak University of Aveiro, Portugal (Invited Speaker) Metastable perovskite multiferroics derived from BiFeO ₃ (11:30-11:50) Bekir Yalçın Süleyman Demirel University, Turkey ID71-Tool Stresses in Finish Soft and Hard Turning with Low Content CBN Tool by Finite Element Analyses (11:50-12:10) Hilmi Cenk Bayrakci Süleyman Demirel University, Turkey ID46-THERMODYNAMICAL ANALYSIS OF A TWO STAGE MIXING CHAMBER R-717 REFRIGERATION CYCLE (12:10-12:30) Tarik Al-Omran University of Baghdad, Iraq ID6- Improvement The Performance Efficiency of Industrial Lubricant Oil by Using Natural Antioxidants	Chairperson: Darya Alontseva (10:30-11:00) Darya Alontseva East-Kazakhstan State Technical University, Kazakhstan (Invited Speaker) Developing a new resource- and energy-saving technology of precision application of powder coating multifunctional systems (11:00—11:30) Virginija Kepeniene Center for Physical Sciences and Technology, Lithuania (Invited Speaker) Metal Oxide Supported Platinum and Platinum-Cobalt Nanocomposites as Electrocatalysts for Fuel Cells (11:30-11:50) Osama Ghazal Applied Science Private University, Jordan ID105- Combustion simulation of direct injection CI engine operating on dual fuel using CFD (11:50-12:10) Levent Çolak Başkent University, Turkey ID33- TECHNO-ECONOMIC OPTIMIZATION OF CONDENSER DESIGN PARAMETERS OF AIR-COOLED PACKAGED TYPE CHILLERS BY CFD ANALYSIS (12:10-12:30) Isminur Gokgoz Erkoc Istanbul Technical University, Turkey ID418- Effect of screw speed, drawing and concentration on the morphology and static-dynamic mechanical properties of PP/PET blends	Chairperson: Camilla Parmeggiani (10:30-11:00) Camilla Parmeggiani CNR-INO@LENS, Italy (Invited Speaker) Towards new functional biomaterials: the case of Liquid Crystalline Elastomers (11:00—11:20) Fatih Caliskan Sakarya University, Turkey ID168- SYNTHESIS OF B4C-SiC IN SITU COMPOSITE POWDERS THROUGH CARBOTHERMIC REACTIONS (11:20-11:40) Adem Demir Sakarya University, Turkey ID414-FABRICATION OF ALUMINA CERAMIC FILTERS AND PERFORMANCE TESTNGS FOR ALUMINIUM CASTINGS (11:40-12:00) Hüsnügül YILMAZ ATAY İzmir Katip Çelebi University ID16- Investigations of Ti Alloys Manufactured by Powder Metallurgy for Biomaterial Applications (12:00-12:20) Ferhat Aydın Sakarya University, Turkey ID301- Experimental Study of Flexural Performance of Reinforced Concrete Beams and Hybrid Beams
12:30-14:00	LUNCH		

PARALLEL SESSIONS 14:00-15:30	<p>Chairperson: Selmiye Alkan Gursel</p> <p>(14:00-14:30) Selmiye Alkan Gursel Sabanci University, Turkey (Invited Speaker) Graphene for Polymer Electrolyte Membrane Fuel Cells</p> <p>(14:30-15:00) Telem Simsek Hacettepe University, Turkey (Invited Speaker) A Promising Soft Magnet: MnB</p> <p>(15:00-15:30) Vijaya Srinivasu Vallabhapurapu University of South Africa, South Africa (Invited Speaker) Fabrication of Micron, Submicron and Nano size constrictions on Superconducting YBCO Thin Films by Femtosecond Laser Technique</p>	<p>Chairperson: Rainer Schmidt</p> <p>(14:00-14:30) Rainer Schmidt Complutense University of Madrid, Spain (Invited Speaker) Water-free proton conduction in discotic pyrazolate-based Pt(II) and Pd(II) metallomesogens for potential application in Proton exchange membrane (PEM) fuel cells</p> <p>(14:30-14:50) Sema Aslan Muğla Sıtkı Koçman University, Turkey ID129- Osmium Redox Polymer included Gluconobacter oxydans Based Microbial Fuel Cells</p> <p>(14:50-15:10) M. Taha Demirkan Gebze Technical University, Turkey ID181- Density-Modulated Tungsten Thin Films for Enhanced Mechanical Performance and Cost-Efficiency in Nuclear Reactor Cladding Materials</p> <p>(15:10-15:30) M. Taha Demirkan Gebze Technical University, Turkey ID182- Scalable-Differential-Effective-Medium-Approach (SDEMA) Based Continuum Model for Mechanical Properties and Fracture Behavior of Nanoporous Si Anodes in Li-Ion Batteries</p>	<p>Chairperson: Jumril Yunas</p> <p>(14:00-14:30) Jumril Yunas Institute of Microengineering and Nanoelectronics, Malaysia (Invited Speaker) Magnetic Polymer Composite based Membrane for Fluid Injection in Targeted Drug Delivery System</p> <p>(14:30-14:50) Mehmet Sarikanat Ege University, Turkey ID232- Effect of Compatibilizer on Morphology, Thermal and Mechanical Properties of Recycled Carbon Fiber Reinforced Polypropylene Composites</p> <p>(14:50-15:10) Lutfiye Altay Ege University, Turkey ID233- Thermal, Electrical and Mechanical Properties of Various Thermal Conductive Powder Filled Polyamide 6 Composite Materials for Thermal Management Applications</p> <p>(15:10-15:30) Ali Kamil Serbest Laspar Ansgt Pfister Advanced Industrial Solutions Inc., Turkey ID262- DURABILITY ANALYSES OF A RUBBER TO METAL ANTI-VIBRATION CONE MOUNT, WHICH IS SUBJECTED WITH A RANDOM TYPE LOAD SIGNAL BY USING DAMAGE MODELS AT FINITE ELEMENT METHOD</p>
	<p>15:30-16:00</p> <p>COFFEE BREAK</p>		
PARALLEL SESSIONS 16:00-18:10	<p>Chairperson: Haosu LUO</p> <p>(16:00-16:30) Haosu LUO Shanghai Institute of Ceramics, Chinese Academy of Sciences, China (Invited Speaker) PMN-PT based ME composites and ME Sensor</p> <p>(16:30-17:00) Ananthkrishnan Srinivasan University of South Africa, South Africa (Invited Speaker) New aspects of microwave absorption in ferromagnetic Ni-Mn-Sn thin films</p> <p>(17:00-17:20) Aleksandr Temirov National University of Science and Technology MISIS, Russian Federation ID131- Usage of Ferroelectric Bidomain Single Crystals in Scanning Probe Microscope</p> <p>(17:20-17:40) Meltem Karaismailoğlu Yildiz Technical University, Turkey ID73- Fe₂O₃/Y₂O₃ Catalyst Supported on Alumina and Halloysite</p> <p>(17:40-18:00) Daniel Vieira Aveiro University, Portugal ID111-Magnetic phenomena in layered double hydroxides</p>	<p>Chairperson: Guorong Li</p> <p>(16:00-16:30) Guorong Li Shanghai Institute of Ceramics, Chinese Academy of Sciences, China (Invited Speaker) Large Increased Electrical Conductivity in ZnO-based Ceramics by Spark Plasma and Reduction Atmosphere Sintering Method</p> <p>(16:30-16:50) Serkan Biyik Karadeniz Technical University, Turkey ID248- EFFECT OF POLYETHYLENE GLYCOL ON THE SYNTHESIS OF Cu₂W ELECTRICAL CONTACT MATERIAL</p> <p>(16:50-17:10) Fatma Kocak Uludag University, Turkey ID148- Calculation of Position Resolution for LYSO Crystal</p> <p>(17:10-17:30) Mehmet Duman Kocaeli University, Turkey ID428-OBTAINING the SKY-TEMPERATURE DEPENDING on VOLTAGE VALUE by the PASSIVE MILLIMETER WAVE IMAGING SYSTEM</p> <p>(17:30-17:50) Sinan Aksoz Gazi University, Turkey ID85-Investigation of Average Grain Size and Grain Boundary Distribution Obtained by Equal Channel Angular Pressure of Pure Aluminum - 10 % Nickel Powders</p> <p>(17:50-18:10) Sinan Aksoz Gazi University, Turkey ID86- Rheological Investigation of Prealloyed NiTi Shape Memory Alloy Powders</p>	<p>Chairperson: Zulkifli Ahmad</p> <p>(16:00-16:30) Zulkifli Ahmad Universiti Sains Malaysia, Malaysia (Invited Speaker) Synthesis and fidelity study of ultraviolet-curable hydrogen silsesquioxane analogue as the nanoimprint elastomeric stamp</p> <p>(16:30-16:50) Mounir Gaidi university of sharjah, United Arab Emirates ID277- Optical and photochemical properties of Ag decorated TiO₂ nanotubes</p> <p>(16:50-17:10) Miroslav Cieslar Charles University, Czech Republic ID185-Advanced twin-roll cast Al-Mg alloy containing Sc and Zr</p> <p>(17:10-17:30) Ilham Hasanov Institute of Physics of ANAS, Azerbaijan ID171- Ions passage through nanodroplets in a multicomponent beam</p> <p>(17:30-17:50) Angelina Shutko MIPT, Russian Federation ID42- Tissue-engineered micro-constructs for the research of excitation-contraction propagation in cardiac tissue</p>

PROGRAM
MONDAY, APRIL 24, 2017

YUNUS EMRE 1

PLENARY SESSIONS 09:45-10:30	<p>Chairperson: Z. Banu Oral</p> <p style="text-align: center;">PLENARY SESSION</p> <p style="text-align: center;">Uros Cvelbar Jožef Stefan Institute, Slovenia</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“Plasma-inspired biomaterials”</p>		
10:30 - 11:00	COFFEE BREAK		
	Yunus Emre 1	Yunus Emre 2	Aristo
PARALLEL SESSIONS 11:00-12:50	<p>Chairperson: Edmondo Gilioli</p> <p>(11:00-11:30) Edmondo Gilioli IMEM-CNR, Italy (Invited Speaker) High pressure synthesis of metastable multiferroics</p> <p>(11:30-12:00) Marie-Bernadette Lepetit French National Centre for Scientific Research, France (Invited Speaker) Ab initio calculation of the Magneto-Electric coupling tensor</p> <p>(12:00-12:30) Vilko Mandić University of Valenciennes and Hainaut-Cambresis (UVHC), France (Invited Speaker) Tailoring Perovskite-Type Core-Shell Nanoarchitecture of Charge Transfer Layer in Solar Cells</p> <p>(12:30-12:50) Cantekin KAYKILARLI Bursa Technical University, Turkey ID378- Development of High Purity, Few-Layer Graphene Synthesis by Electric-Arc Discharge Technic</p>	<p>Chairperson: Fraser J Buchanan</p> <p>(11:00-11:30) Fatih Buyukserin TOBB University of Economics and Technology, Turkey (Invited Speaker) The Use of Protein Loaded Nanoporous Membranes as Potential Neural Implant Coatings</p> <p>(11:30-12:00) Fraser J Buchanan Queen's University, Northern Ireland (Invited Speaker) Performance Evaluation of Bioresorbable Polymers used in Bone Fixation and Tissue Scaffolds</p> <p>(12:00-12:20) Attila Gölle University of Pannonia, Hungary ID392- Examination of Nonlinear Distortion of IT Power Supplies in Low Voltage Grid from the Current Quality Point of View</p> <p>(12:20-12:40) Meltem Degerlier Nevsehir Hacı Bektas Veli University, Turkey ID201- Siloxane based nanocomposites containing 6LiF nanocrystals for thermal neutrons detection</p>	<p>Chairperson: Wolfgang Tremel</p> <p>(11:00-11:30) Wolfgang Tremel University of Mainz, Germany (Invited Speaker) Thermoelectric Transport in Metal Chalcogenides</p> <p>(11:30-11:50) Mohamed Darwish QEERI – HBKU, Qatar ID177- Energy Efficiency in Desalted Seawater Production</p> <p>(11:50-12:10) Muhammad Saeed Khan Lahore Leeds University, Pakistan ID349- Performance of Free Space Optical Terrestrial Link under Dense fog conditions</p> <p>(12:10-12:30) Muhammad Saeed Khan Lahore Leeds University, Pakistan ID362- Analysis of Internal Design Parameters to Minimize Geometrical losses in Free-space Optical Communication Link</p> <p>(12:30-12:50) Orhan Sevimoglu Gebze Technical University, Turkey ID154- The importance of utilization of landfill gas as a greenhouse gas source in energy conversion and limitations in energy production</p>
12:50 - 14:00	LUNCH		

PARALLEL SESSIONS 14:00-15:50	<p>Chairperson: Ryszard Buczko</p> <p>(14:00-14:30) Ryszard Buczko Institute of Physics, Polish Academy of Sciences, (Invited Speaker) Topological Crystalline Insulators</p> <p>(14:30-14:50) Arzum Ulukoy Pamukkale University, Turkey ID356- Tribological Behavior of Borided Ti6Al4V Alloy under Simulated Body Fluid Conditions</p> <p>(14:50-15:10) Hasan Yavuz Unal Ege University, Turkey ID189-Nanoclay and Temperature Effects on Carbon/fiberglass composite laminates Under Impact Loading</p> <p>(15:10-15:30) Gozde Ocal Gebze Technical University, Turkey ID449- Iron and zinc co-doped hydroxyapatite thin films fabricated by sol-gel processing</p> <p>(15:30-15:50) Gulsah Oner Ataturk University, Turkey ID190- Mechanical performance of hybrid Carbon/fiberglass composite laminates reinforced with nanoclay</p>	<p>Chairperson: Otávio da Fonseca Martins Gomes</p> <p>(14:00-14:30) Otávio da Fonseca Martins Gomes Centre for Mineral Technology, Brazil (Invited Speaker) Multimodal microscopy applied to ore characterization: fundamentals, case studies, and perspectives</p> <p>(14:30-14:50) Soonho Won Korea Institute of Materials Science, Korea, Republic Of ID39- Advanced probe for magnetic resonance spectroscopy</p> <p>(14:50-15:10) Bing Yan Shandong University, China ID316- A Systematic Exploration of Nano-Bio Interactions: the Story of Carbon Nanotubes</p> <p>(15:10-15:30) Taner Yilmaz Kocaeli University, Turkey ID342- Effect of Chain Extender and Impact Modifier Addition on Adhesive Wear and Thermal Properties of Recycled Polycarbonate</p> <p>(15:30-15:50) N. Gamze Karsli Kocaeli University, Turkey ID251- Simultaneously Improvement of the Mechanical Strength and Fractural Toughness Properties of Recycled Polycarbonate in the Presence of Diisocyanate Based Chain Extender and Glycidyl Methacrylate Terpolymer Based Impact Modifier</p>	<p>Chairperson: Levent Cavas</p> <p>(14:00-14:30) Levent Cavas Dokuz Eylül University, Turkey (Invited Speaker) New Generation Antifouling Paints</p> <p>(14:30-14:50) Mustafa Burak Telli Kocaeli University, Turkey ID57- 304 L Stainless Steel – Ti joining by powder metallurgical uniaxial pressing under vacuum ambient</p> <p>(14:50-15:10) Mustafa Burak Telli Kocaeli University, Turkey ID25- Soda lime silicate glass tube – Ti inset joining by O₂/Propane flame work in air</p> <p>(15:10-15:30) Ekaterina Morozova N. S. Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences, Russian Federation ID359- Crystallites in color glass beads of the 19th century and their influence on fatal deterioration of glass</p> <p>(15:30-15:50) Zuhal ER ITU, Turkey ID162- The cloudnes effect evaluation for hourly irradiance in Turkey</p>	
	15:50 - 16:20	COFFEE BREAK		
	PARALLEL SESSIONS 16:20-18:10	<p>Chairperson: Aadesh Pratap Singh</p> <p>(16:20-16:50) Aadesh Pratap Singh Chalmers University of Technology, Gothenburg, Sweden (Invited Speaker) Surface Disordered Metal Oxides: Role of Hydrogen Treatment and Photoelectrochemical Properties</p> <p>(16:50-17:10) Aydogan Ozdamar Ege University, Turkey ID187- A Numerical Study for the Effect of Wave Amplitude on the Efficiency of Wave Power System</p> <p>(17:10-17:30) Gokhan Ozdamar Ege University, Turkey ID186- Numerical Optimization of the Blade Surface Geometry in a Wave Turbine System</p> <p>(17:30-17:50) Gokhan Ozdamar Ege University, Turkey ID188- Numerical Comparison of the Effect of Blade Material on Wind Turbine Efficiency</p> <p>(17:50-18:10) Erkin Akdogan Pamukkale University, Turkey ID387-The Effects of Nanoclay on Mechanical Properties of High Density Polyethylene and Polypropylene Materials</p>	<p>Chairperson: Murat Yazici</p> <p>(16:20-16:40) Murat Yazici Uludağ University, Turkey ID276- INVESTIGATION OF THE HYPERELASTIC MATERIAL COATED STEEL CAR HOOD CONCERNING PEDESTRIAN HEAD IMPACT PROTECTION BY FINITE ELEMENT ANALYSIS</p> <p>(16:40-17:00) Yucel Can Oyak-Renault R&D Center, Turkey ID267- SYNTACTIC FOAM CORE ALUMINUM SANDWICH LIGHTWEIGHT CAR HOOD FOR PEDESTRIAN PROTECTION</p> <p>(17:00-17:20) Xiaocong He Kunming University of Science and Technology, China ID33- Fretting Behavior of Self-piercing Riveted Ti-Al Joints</p> <p>(17:20-17:40) Ali Hakan Isik Mehmet Akif Ersoy University, Turkey ID48- Analysis of Focal Points for Electrostatic Aperture Lenses Through Artificial Neural Networks</p> <p>(17:40-18:00) Ioan Iorga (1) Horia Hulubei National Institute of Physics and Nuclear Engineering, Romania (2) University of Bucharest, Romania ID394-Technical methodology to evaluate the decommissioning of the contaminated underground structures belonging to the VVR-S nuclear research reactor</p>	<p>Chairperson: Serap Senturk Dalgic</p> <p>(16:20-16:50) Serap Senturk Dalgic Trakya University, Turkey (Invited Speaker) ID44-Molecular Dynamics simulations on Ti-Cu nanotubes used for biomedical applications</p> <p>(16:50-17:10) Eun Seong Kim Kwangwoon Univ. RFIC LAB, Korea, Republic Of ID50-Biosensor based on RF Resonator for Detection of Diabetes by Integrated Passive Device (IPD) Process</p> <p>(17:10-17:30) Vildan Guder Trakya University, Turkey ID46- A Computational Model of Cd²⁺ doped Fluorapatite Ca₁₀(PO₄)₆F₂ biomaterial by molecular dynamics simulations</p> <p>(17:30-17:50) Monica Mincu Horia Hulubei National Institute for Physics and Nuclear Engineering, Romania ID390-Dismantling of VVR-S Nuclear Research Reactor Vessel</p> <p>(17:50-18:10) Handan Gurbuz Yildiz Technical University, Turkey ID45-Size Dependent properties of Fe₃Au spherical bio-magnetic nanoparticles by Molecular Dynamics simulations</p>

PROGRAM TUESDAY, APRIL 25, 2017 YUNUS EMRE 1	
PLENARY SESSIONS 10:00-10:45	<p>Chairperson: Ersin Kayahan</p> <p style="text-align: center;">PLENARY SESSION Ibrahim Abdulhalim Ben Gurion University, Israel</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“Plasmonic and photonic structures for ultrahigh sensitivity biosensors”</p>
PLENARY SESSIONS 10:45-11:30	<p>Chairperson: Ersin Kayahan</p> <p style="text-align: center;">PLENARY SESSION Yisheng Chai Chinese Academy of Sciences, China</p> <p style="text-align: center;">(Plenary Speaker)</p> <p style="text-align: center;">“The new application of composite ME effect in condensed matter physics”</p>
11:30-13:00	LUNCH
13:00-15:00	<p>FOYER (Poster Session Area)</p> <p>Chairperson: A. Yavuz Oral</p> <p>POSTER SESSION – I (SUBMISSION ID 1 - 500 for APMAS2017)</p>
15:00-16:00	COFFEE BREAK
16:00-18:00	<p>FOYER (Poster Session Area)</p> <p>Chairperson: A. Yavuz Oral</p> <p>POSTER SESSION – II (SUBMISSION ID 1-100 for BIOMATSEN2017)- (SUBMISSION ID 1-210 for ENEFM2017)- (SUBMISSION ID 1-100 for InterM2017)</p>

PROGRAM
WEDNESDAY, APRIL 26, 2017

10:00-
18:00

SOCIAL PROGRAM

10:00-18:00 THE BOAT CRUISE AROUND EXCELLENT BAYS OF BLUE LAGOON & VISIT TO St. NICHOLAS ISLAND

(Gathering at Congress registration desk)

PROGRAM
THURSDAY, APRIL 27, 2017

12:00

CHECK-OUT

PROGRAM LEGEND DESCRIPTIONS

ID-	APMAS2017 oral talks
ID-	BIOMATSEN2017 oral talks
ID-	ENEFM2017 oral talks
ID-	InterM2017 oral talks