

APMAS 2018

8th INTERNATIONAL ADVANCES IN APPLIED PHYSICS & MATERIALS
SCIENCE CONGRESS AND EXHIBITION

INTERM 2018

5th INTERNATIONAL CONGRESS ON MICROSCOPY & SPECTROSCOPY

APRIL 24-30, 2018

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

TENTATIVE PROGRAM MONDAY, APRIL 23, 2018	
14:00-23:30	REGISTRATION FOR EARLY ARRIVALS (14:00 Check-in)

TENTATIVE PROGRAM TUESDAY, APRIL 24, 2018	
9:00-23:30	REGISTRATION (14:00 Check-in)

TENTATIVE PROGRAM WEDNESDAY, APRIL 25, 2018	
YUNUS EMRE 1	
OPENING SESSION 10:00-10:30	Chairperson: A. Yavuz Oral OPENING CEREMONY Haluk Görgün, Rector of Gebze Technical University
OPENING SESSION 10:30-11:15	Chairperson: M. Alper Sahiner M. Alper Sahiner Seton Hall University, USA " Ag Nanoparticle Enhancement on the Photovoltaic Conversion Efficiency of CdS/CdTe Thin Film Solar Cells "

11:15-11:30	COFFEE BREAK						
	APMAS			APMAS & INTERM <i>(Common Sessions)</i>		INTERM	
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Hall 1	Ibni Sina	Eflatun	Aristo
PARALLEL SESSIONS 11:30-12:40	<p>Chairperson: Daniela Ionescu</p> <p>(11:30-12:00) Daniela Ionescu Universitatea Tehnică "Gh. Asachi" Iasi, Romania (Invited Speaker) Properties prescribing and control of direct and inverse opal metamaterials doped with spinels, for MEMS applications</p> <p>(12:00-12:30) Siming Chen University College London, UK (Invited Speaker) Monolithic integration of III-V quantum dot lasers on silicon for silicon photonics</p>	<p>Chairperson: Cengiz Ozkan</p> <p>(11:30-12:00) Cengiz Ozkan University of California, Riverside, USA (Invited Speaker) Growth and Fundamental Properties of Atomically Thin Materials and Heterostructures</p> <p>(12:00-12:20) Kyuwook Ihm Pohang Accelerator Laboratory, Korea, Republic Of ID771- Face-Dependent Janus-Effects of Multilayered Graphene Embedded in Transparent Organic Light-Emitting Diodes</p> <p>(12:20-12:40) Tayyar Gungor Mehmet Akif Ersoy University, Turkey ID733- Cu Doping Induced Structural and Optical Properties of Bimetallic Oxide Nanodots by the Vertical Spark Generation</p>	<p>Chairperson: Nebojša Romčević</p> <p>(11:30-12:00) Nebojša Romčević University of Belgrade, Serbia (Invited Speaker) Spectroscopy of semiconductor nanocrystals</p> <p>(12:00-12:20) Mihri Ozkan University of California, Riverside, USA ID1041-Sulfur Cathode Materials for Lithium–Sulfur Batteries</p> <p>(12:20-12:40) İrfan Selim Bozdoğan Bilkent University, Turkey ID623- Metal Semiconductor Core-Shell Nanoparticles and Nanowires</p>	<p>Chairperson: Alexey V. Feofanov</p> <p>(11:30-12:00) Alexey V. Feofanov M.V.Lomonosov Moscow State University, Russia (Invited Speaker) Single-particle FRET microscopy of structural rearrangements in nucleosomes induced by some nuclear proteins</p> <p>(12:00-12:30) Subhadip Ghosh National Institute of Science Education and Research, India (Invited Speaker) Molecular Recognitions in a Dendrimer Assembly</p>	<p>Chairperson: Sang Joon Lee</p> <p>(11:30-12:00) Sang Joon Lee Pohang University of Science and Technology, Korea (Invited Speaker) Digital holographic microscopy for analyzing 3D particle dynamics of non-spherical particles</p> <p>(12:00-12:30) Ki Soo Chang Korea Basic Science Institute (KBSI), Republic of Korea (Invited Speaker) Thermoreflectance microscope and applications</p>	<p>Chairperson: Adam Hitchcock</p> <p>(11:30-12:00) Adam Hitchcock McMaster University, Canada (Invited Speaker) Soft X-ray Spectromicroscopy: new techniques and applications to fuel cell materials</p> <p>(12:00-12:30) Kazuo Umemura Tokyo University of Science, Japan (Invited Speaker) Biological applications of carbon nanotubes wrapped with organic molecules</p>	<p>Chairperson: Szymon Wojtewicz</p> <p>(11:30-12:00) Szymon Wojtewicz Nicolaus Copernicus University, Poland (Invited Speaker) Precise cavity ring-down spectroscopy referenced to atomic frequency standards</p> <p>(12:00-12:30) Hisashi ABE National Metrology Institute of Japan (NMIJ), AIST, Japan (Invited Speaker) The measurement of trace moisture in high-purity gases using cavity ring-down spectroscopy</p>

12:40-14:00	LUNCH							
	APMAS			APMAS & INTERM <i>(Common Sessions)</i>		INTERM		
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Hall 1	Ibni Sina	Eflatun	Aristo	
PARALLEL SESSIONS 14:00-15:10	<p>Chairperson: Yinzhou Yan</p> <p>(14:00-14:30) Yinzhou Yan Beijing University of Technology, China (Invited Speaker) Free-standing undoped acceptor-rich ZnO single-crystal microtubes as ultrathin-walled optical microcavities</p> <p>(14:30-14:50) Serkan Biyik Karadeniz Technical University, Turkey ID702- Influence Of Type Of Process Control Agent On The Synthesis Of Ag₈ZnO Composite Powder</p> <p>(14:50-15:10) Fariza Mohamad Universiti Tun Hussein Onn Malaysia, Malaysia ID810- Cu₂O Based Homostructure Fabricated by Electrodeposition Method</p>	<p>Chairperson: Serap Senturk Dalgic</p> <p>(14:00-14:30) Serap Senturk Dalgic Trakya University, Turkey (Invited Speaker) The core-shell Au-Graphene Quantum Dots (Au@GQDs) Nanoparticles Studied by Atomistic Simulations</p> <p>(14:30-14:50) Mihyun Yang Pohang Accelerator Laboratory, Korea, Republic Of ID796- Spatially-resolved chemical analysis of photodecomposition and doping effect of fluoropolymer-covered graphene</p> <p>(14:50-15:10) Eduard Gevorkyan Plekhanov Russian University of Economics, Russian Federation ID582- Interaction of Electromagnetic Waves with Multi Periodic Modulated Dielectric Filling of a Regular Waveguide</p>	<p>Chairperson: Yu-Han Hung</p> <p>(14:00-14:30) Yu-Han Hung National Cheng Kung University, Taiwan (Invited Speaker) All-optical microwave carrier recovery and its applications based on period-one nonlinear semiconductor laser dynamics for OFDM-RoF coherent detection systems</p> <p>(14:30-14:50) Halit Çavuşoğlu Selçuk University, Turkey ID886- The structural, morphological and optical properties of CdO thin films prepared by PEG assisted SILAR method</p> <p>(14:50-15:10) Recep Yurtseven Pamukkale University, Turkey ID697- Effects of Ammonium Polyphosphate/Melamine Additions on Mechanical, Thermal and Burning Properties of Rigid Polyurethane Foams</p>	<p>Chairperson: Thi Huong Nguyen</p> <p>(14:00-14.30) Thi Huong Nguyen University Medicine Greifswald, Germany (Invited Speaker) How does the Force Spectroscopy Shine Light on Heparin-Induced Thrombocytopenia?</p> <p>(14:30-14:50) Thi Huong Nguyen University Medicine Greifswald, Germany ID191- Single-Platelet Force Spectroscopy</p> <p>(14:50-15:10) Halina Misran Universiti Tenaga Nasional, Malaysia ID90- Adsorption Characteristics of MOF-5, MOF-199 and ZIF-8 Synthesized using Palm Oil Derived Fatty Alcohols as Template</p>	<p>Chairperson: Huang Zhiwei</p> <p>(14:00-14:30) Huang Zhiwei National University of Singapore, Singapore (Invited Speaker) Label-free multiphoton microscopy</p> <p>(14:30-15:00) A.P. Vladimirov Ural Federal University, Russia (Invited Speaker) Four-dimensional speckle - interferometric microscopy of thin biological objects</p>	<p>Chairperson: Chung-Li Dong</p> <p>(14:00-14:30) Chung-Li Dong Tamkang University, Taiwan (Invited Speaker) In situ/operando x-ray spectroscopic characterization of energy material</p> <p>(14:30-15:00) Hideaki Shirota Chiba University, Japan (Invited Speaker) Femtosecond Raman-Induced Kerr Effect Spectroscopic Study on Ionic Liquids</p>	<p>Chairperson: King-Chuen Lin</p> <p>(14:00-14:30) King-Chuen Lin National Taiwan University, Taiwan (Invited Speaker) Halogen Molecular Elimination from Halogen-containing Compounds in Atmosphere Using Cavity Ring-down Spectroscopy</p> <p>(14:30-15:00) Patrick DUPRÉ Université du Littoral-Côte d'Opale (Invited Speaker) Saturated Absorption Cavity Enhanced Absorption Spectroscopy, CRDS and Beyond</p>	
	15:10-15:30	COFFEE BREAK						

	APMAS			APMAS & INTERM (Common Sessions)	INTERM		
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Ibni Sina	Eflatun	Aristo	
PARALLEL SESSIONS 15:30-17:10	<p>Chairperson: Mufit Akinc</p> <p>(15:30-16:00) Mufit Akinc Iowa State University, USA (Invited Speaker) Design and Development of Zirconium Tungstate based Nanocomposite as IR Window Material</p> <p>(16:00-16:30) Derya Kapusuz Gaziantep University, Turkey (Invited Speaker) Sol-gel fabricated silica/PEG hybrids for gene delivery</p> <p>(16:30-16:50) Meltem ERYILDIZ Yildiz Technical University, Turkey ID554- Polylactide / Halloysite Nanocomposite Foams: Particle Dispersion and Mechanical Strength</p> <p>(16:50-17:10) Mihrigül Altan Yildiz Technical University, Turkey ID684- Comparison of Foaming Behavior of Polylactic acid and Polypropylene</p>	<p>Chairperson: Andreas Herklotz</p> <p>(15:30-16:00) Andreas Herklotz Martin-Luther-University Halle-Wittenberg, Germany (Invited Speaker) Controlling ferroic thin films by strain doping</p> <p>(16:00-16:20) Çağatay Teke Bayburt University, Turkey ID1009- Determining the Critical Fraction of Solid Value in Casting Process with Fuzzy Expert System Approach</p> <p>(16:20-16:40) Bariş Çetin FNSS Savunma Sistemleri AŞ, Turkey ID687- Investigation The Effect Of Auto-Focus And Auto-Threshold Algorithms In Advanced Nodularity Analysis Of Austempered Ductile Iron Castings</p> <p>(16:40-17:00) Erkan Koç Karabuk University, Turkey ID764- Corrosion Behaviour of As Cast β-Mg17Al12 phase in 3.5 wt.% NaCl solution</p>	<p>Chairperson: Raul Zazpe</p> <p>(15:30-16:00) Raul Zazpe University of Pardubice, Czech Republic (Invited Speaker) Atomic Layer Deposition: Tailoring High Aspect Ratio TiO₂ Nanostructures</p> <p>(16:00-16:20) Erkin Akdogan Pamukkale University, Turkey ID660- The Effects of Intumescent Flame Retardant and Nanoclay on Mechanical and Thermal Expansion Properties of High Density Polyethylene Composites</p> <p>(16:20-16:40) Abdulahdi Baykal Imam Abdulrahman Bin Faysal University, Saudi Arabia ID592- Synthesis and magnetic characterization of Cu substituted Barium hexaferrites</p> <p>(16:40-17:00) Abdulahdi Baykal Imam Abdulrahman Bin Faysal University, Saudi Arabia ID593- Concentration and temperature-dependent magnetic properties of Ba_{1-x}Zn_xFe₁₂O₁₉ hexaferrites</p>	<p>Chairperson: Mahmoud Huleihel</p> <p>(15:30-16:00) Mahmoud Huleihel Ben-Gurion University of the Negev, Israel (Invited Speaker) Identification of fungal phytopathogens using Infrared Microscopy spectroscopy and Multivariate Analysis</p> <p>(16:00-16:30) Babu Varghese Philips Research, The Netherlands (Invited Speaker) Quantitative and simultaneous non-invasive measurement of skin hydration and sebum levels</p> <p>(16:30-17:00) Uraib Sharaha Ben Gurion University, Israel (Invited Speaker) Applications of Microscopy & Spectroscopy in the Biological Sciences</p>	<p>Chairperson: D. V. G. L. N. Rao (Gopal Rao)</p> <p>(15:30-16:00) D. V. G. L. N. Rao (Gopal Rao) University of Massachusetts at Boston, USA (Invited Speaker) Novel Fourier Phase Contrast and Fluorescence Microscopy</p> <p>(16:00-16:30) Thierry Astruc INRA Auvergne-Rhône-Alpes, France (Invited Speaker) Muscle fiber types identification by synchrotron fluorescence microspectroscopy</p> <p>(16:30-17:00) Takeshi Yasui The Tokushima University, Japan (Invited Speaker) Discrete Fourier transform spectroscopy using precisely periodic THz pulse train</p>	<p>Chairperson: Darya Alontseva</p> <p>(15:30-16:00) Darya Alontseva East-Kazakhstan State Technical University, Kazakhstan (Invited Speaker) The Application of Transmission Electron Microscopy to the Analysis of Powder Coatings Deposited on Metal Substrates by Plasma Method</p> <p>(16:00-16:30) Chikako Sakai National Institute for Materials Science (NIMS), Japan (Invited Speaker) Observation of Electrical Potential Distribution by Active Voltage Contrast Imaging using Helium Ion Microscopy</p> <p>(16:30-17:00) Filiz Vardar Marmara University, Turkey (Invited Speaker) Cytochemical Identification of Programmed Cell Death in Plants</p>	
	17:10-17:30	COFFEE BREAK					
	17:30-18:30	<p>FOYER (Poster Session Area)</p> <p>Chairperson: A. Yavuz Oral</p> <p>POSTER SESSION – I</p> <p>(APMAS2018-INTERM2018)</p>					

TENTATIVE PROGRAM
THURSDAY, APRIL 26, 2018

TENTATIVE PROGRAM THURSDAY, APRIL 26, 2018							
	APMAS			APMAS & INTERM <i>(Common Sessions)</i>		INTERM	
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Hall 1	Ibni Sina	Eflatun	Aristo
PARALLEL SESSIONS 09:30-10:30	Chairperson: Vilko Mandić (09:30-10:00) Vilko Mandić University of Zagreb, Croatia (Invited Speaker) The utilisation of the sol-gel process in the preparation of advanced multi-layered multifunctional coating (10:00-10:30) Katsuhiko Koike Mitsui Chemicals Inc., Japan (Invited Speaker) Anatase Crystallization Core in a Sol-Gel Process Led by Pentacoordinate Titanium n-Butoxide Derivatives	Chairperson: Antoine BARBIER (09:30-10:00) Antoine BARBIER Iramis CEA, France (Invited Speaker) The nature of the magneto-electric coupling in artificial multiferroic oxide layered ferrite/BaTiO3 systems as revealed by synchrotron radiation techniques (10:00-10:30) Mohamed Balli University of Sherbrooke, Canada (Invited Speaker) On the magnetocaloric effect in multiferroic materials	Chairperson: Jiuzhou Zhao (09:30-10:00) Jiuzhou Zhao Chinese Academy of Sciences, China (Invited Speaker) Solidification of monotectic alloys and effects of electric and magnetic fields (10:00-10:20) Halil Ahmet Gören Sinop University, Turkey ID765-A comparative study on microstructure properties of AZ91 magnesium alloy with silicon addition using ceramic mold	Chairperson: Arno Germond (09:30-10:00) Arno Germond RIKEN, Japan (Invited Speaker) Combining spectral and spatial information for classification, example with a biological study case (10:00-10:20) Ibrahim Bilici Hitit university, Turkey ID822- Effect of Colemanite on Thermal Properties of Recycled Polyethylene	Chairperson: Jianyong Ouyang (09:30-10:00) Jianyong Ouyang National University of Singapore, Singapore (Invited Speaker) Conductivity Enhancement and Work Function Modification of Intrinsically Conductive Polymers (10:00-10:30) Domenico MELLO STMicroelectronics, Italy (Invited Speaker) New approach in Auger RSF calculation for precise quantitative Analysis using correlation with TEM-EDS analysis by extrapolation method based on pure elements	Chairperson: Clayton S.C. Yang (09:30-10:00) Clayton S.C. Yang Brimrose corporation, USA (Invited Speaker) Simultaneous UV-Visible-NIR and Long-Wave Infrared Laser-induced Breakdown Spectroscopy for Rapid and Remote Chemical and Biological Sensing (10:00-10:30) Vladimir Kopecky Charles University, Czech Republic (Invited Speaker) Drop-Coating Deposition Raman Spectroscopy in Protein Research	Chairperson: Irena Drevensek-Olenik (09:30-10:00) Irena Drevensek-Olenik University of Ljubljana, Slovenia (Invited Speaker) Tunable Thin-Film Structures of Lipophilic Nucleoside Derivatives (10:00-10:30) Sasmita Dash Annamalai university, India (Invited Speaker) Study on Quenching and Binding of Rhodamine B – Pluronic F-127 Complex in Presence of Salts and Gold Nanoparticles using Optical Spectroscopy Methods for exploring their development as sensors
10:30-11:00	COFFEE BREAK						
	APMAS			APMAS & INTERM <i>(Common Sessions)</i>		INTERM	
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Hall 1	Ibni Sina	Eflatun	Aristo
PARALLEL SESSIONS 11:00-12:30							

	<p>Chairperson: Sukreen Hana Herman</p> <p>(11:00-11:30) Sukreen Hana Herman Universiti Teknologi MARA, Malaysia (Invited Speaker) Sol-gel Spin Coated Metal Oxides for Extended-Gate Field Effect Transistor Based Sensors</p> <p>(11:30-12:00) Gowhar Naikoo Dhofar University, Oman (Invited Speaker) Nanoporous Materials for Energy and Sustainability</p> <p>(12:00-12:30) Ilham Hasanov Institute of Physics of ANAS, Azerbaijan (Invited Speaker) Pace Charge Lenses and Their Application</p>	<p>Chairperson: Andrei Salak</p> <p>(11:00-11:30) Andrei Salak University of Aveiro, Portugal (Invited Speaker) Annealing-Stimulated Structural Transformations and Magnetic Phenomena in Metastable Perovskite Phases</p> <p>(11:30-12:00) Juras Banys Vilnius University, Lithuania (Invited Speaker) Microwave spectroscopy of ferroelectrics and related materials</p> <p>(12:00-12:30) Vladimir Shvartsman University of Duisburg-Essen, Essen · Institute for Materials Science, Germany (Invited Speaker) Nanosopic investigation of multiferroic composite ceramics</p>	<p>Chairperson: Jun Ni</p> <p>(11:00-11:30) Jun Ni Tsinghua University, China (Invited Speaker) Electronic and superconducting properties of boron based nanostructures</p> <p>(11:30-11:50) Zita Sukackiene Center for Physical Sciences and Technology, Lithuania ID657- Electroless deposition of cobalt-zinc-boron coatings using morpholine borane as a reducing agent</p> <p>(11:50-12:10) Virginija Kepeniene Center for Physical Sciences and Technology, Lithuania ID658- Carbon Based Metal and Metal Oxide Supported Nanocomposites: Fabrication, Characterization, Application</p> <p>(12:10-12:30) Ramazan Ozmen Karabuk University, Turkey ID671- Biomechanical Analysis of C5-C6 Spinal Unit with Artificial Disc by Finite Element Method</p>	<p>Chairperson: Hyeon-Jun Lee</p> <p>(11:00-11:30) Hyeon-Jun Lee DGIST, Korea (Invited Speaker) The analysis of device degradation while being driven in the oxide semiconductor</p> <p>(11:30-12:00) Emilia Mihaylova Agricultural University-Plovdiv, Bulgaria (Invited Speaker) Recent advances in the application of digital holographic microscopy</p> <p>(12:00-12:30) Roberto Giustetto University of Turin, Italy (Invited Speaker) Mayan inspired nanocomposite materials: an overview</p>	<p>Chairperson: Giovanna D'Angelo</p> <p>(11:00-11:30) Giovanna D'Angelo University of Messina, Italy (Invited Speaker) Probing Intermolecular Interactions and Collective Motions in Phospholipid Bilayers by Far-Infrared Spectroscopy</p> <p>(11:30-12:00) Rushana Eremina The Kazan E. K. Zavoisky Physical-Technical Institute, Russian Federation (Invited Speaker) Anisotropic exchange and effective crystal field parameters for low dimensional systems from EPR data</p> <p>(12:00-12:30) Shafiquzzman Siddiquee Universiti Malaysia Sabah, Malaysia (Invited Speaker) Electrochemical approach: a rapid tool for determination of food and beverage products</p>	<p>Chairperson: Zofia Drzazga</p> <p>(11:00-11:30) Zofia Drzazga University of Silesia, Poland (Invited Speaker) Athlete's response to exercise in normobaric hypoxia-serum fluorescence study</p> <p>(11:30-12:00) Yong Zhang Xiamen University, China (Invited Speaker) In Situ Study on the Environmental Behaviors of Typical PAHs in Mangrove Plants by Fluorimetry and Microscopic Fluorimetry</p> <p>(12:00-12:30) Marton Benke University of Miskolc, Hungary (Invited Speaker) In-situ Optical Microscope Studies on Thermoelastic and Non-thermoelastic Martensitic Transformations</p>	<p>Chairperson: Vladimir U. Nazarov</p> <p>(11:00-11:30) Vladimir U. Nazarov Academia Sinica, Taiwan (Invited Speaker) Electron energy-loss spectroscopy of quasi-two-dimensional crystals: One-step simultaneous inelastic and elastic scattering theory</p> <p>(11:30-12:00) Vlastimil Krapek Central European Institute of Technology, Czech Republic (Invited Speaker) Mapping of localized plasmons in metallic particles with electron energy loss spectroscopy and cathodoluminescence</p> <p>(12:00-12:30) Manho Lim Pusan National University, Korea (Invited Speaker) Photodissociation of small molecules in solution probed by time-resolved vibrational spectroscopy</p>
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12:30-14:00	LUNCH					
PARALLEL SESSIONS 14:00-15:10	APMAS			APMAS & INTERM <i>(Common Sessions)</i>		INTERM
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Ibni Sina		Eflatun Aristo

	<p>Chairperson: Yia-Chung Chang</p> <p>(14:00-14:30) Yia-Chung Chang Academia Sinica, Taiwan (Invited Speaker) Electronic properties of two-dimensional materials studied by mixed-basis density functional approach</p> <p>(14:30-15:00) Pavol Hvizdos Slovak Academy of Sciences, Slovakia (Invited Speaker) Advanced SiC-graphene and SiC-CNT composites with enhanced electrical conductivity</p>	<p>Chairperson: José Antonio Eiras</p> <p>(14:00-14:30) José Antonio Eiras Federal University of São Carlos, Brazil (Invited Speaker) Photovoltaic Properties of Some Lead Free (KNN) and Led Based (PFN and PFW) Multiferroics</p> <p>(14:30-14:50) Murat Yazıcı ULUDAG UNIVERSITY, Turkey ID694- Impact Loading Performance Of Polymer Foam Core Aluminum Sandwich Panels</p> <p>(14:50-15:10) Yucel Can R&D Center Oyak-Renault Automotive Company, Turkey ID695- Sound Absorption And Mechanical Properties Of The Glass Bubble/Cotton Fibre Waste/Recycled Acrylonitrile Butadiene Styrene (ABS) Hybrid Composite Materials</p>	<p>Chairperson: Peiheng Zhou</p> <p>(14:00-14:30) Peiheng Zhou University of Electronic Science and Technology of China, China (Invited Speaker) Functional Fe-based Ferromagnetic Composite Materials with Novel High-frequency Behavior</p> <p>(14:30-14:50) Harun Cug Karabuk University, Turkey ID740- Investigation of microstructural and mechanical properties of zirconium carbide (ZrC) reinforced aluminum matrix nanocomposites</p> <p>(14:50-15:10) Harun Cug Karabuk University, Turkey ID774- Influence of nano-WC addition on wear performances of Cu-Ni matrix nanocomposites</p>	<p>Chairperson: Dong-Ik Kim</p> <p>(14:00-14:30) Dong-Ik Kim Korea Institute of Science and Technology, Korea (Invited Speaker) Phase identification by Energy Dispersive Spectroscopy combined with Electron Back Scattered Diffraction and Transmission Kikuchi Diffraction technique</p> <p>(14:30-15:00) Agnieszka Niemczynowicz University of Warmia and Mazury in Olsztyn, Poland (Invited Speaker) Models of chaotic oscillations in magnetic systems</p>	<p>Chairperson: Siewert Hugelier</p> <p>(14:00-14:30) Siewert Hugelier LILLE 1 University, France (Invited Speaker) Super-Resolution Fluorescence Microscopy Imaging from a Chemometrician's Perspective</p> <p>(14:30-14:50) Nia Kristiningrum University of Jember, Indonesia ID99- Determination of Antibiotic in Tablet Using Near Infrared Spectroscopy and Chemometric</p>	<p>Chairperson: Shien-Uang Jen</p> <p>(14:00-14:30) Shien-Uang Jen Academia Sinica, Taiwan (Invited Speaker) Electron holography- Thin film magnetostriction measurement by using a digital holographic microscope system</p> <p>(14:30-14:50) Tarik Al-Omran University of Baghdad, Iraq ID77- Mechanical Alloying Effect on Structural, Thermal and Mechanical Properties of Sn-Bi Alloy</p>
15:00-15:30	COFFEE BREAK					
PARALLEL SESSIONS 15:30-16:50	APMAS			APMAS & INTERM <i>(Common Sessions)</i>	INTERM	
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Ibni Sina	Eflatun	Aristo

	<p>Chairperson: Arkady Zhukov</p> <p>(15:30-16:00) Arkady Zhukov University of Basque Country, Spain (Invited Speaker) Engineering of magnetic properties of magnetic microwires</p> <p>(16:00-16:30) Mingxing Chen Hunan Normal University, China (Invited Speaker) Layer k-projection for unfolding electronic bands of interfaces</p> <p>(16:30-16:50) Piotr Zachariasz Institute of Electron Technology, Poland ID598- Examination of magnetostriction, dielectric and magnetic properties of SrCu_{0.33}Ta_{0.67}O₃-Co_{1-x}Mn_xFe₂O₄ (0 < x < 1.0) multiferroics</p>	<p>Chairperson: Guijiang Li</p> <p>(15:30-16:00) Guijiang Li KTH Royal Institute of Technolog, Sweden (Invited Speaker) Thermodynamics and Kinetics-driven Dual Magnetic States in FeMn(PSi) Magneto-caloric Materials</p> <p>(16:00-16:20) Senol Avci Bilecik Şeyh Edebali University, Turkey ID884- Microwave-assisted hydroxyapatite coating of Ti6Al4V alloys and investigation of adhesion strength</p> <p>(16:20-16:40) Yunus Emre Simsek Bilecik Şeyh Edebali University, Turkey ID885- Synthesis and characterization of hydroxyapatite produced by microwave-assisted precipitation technique</p> <p>(16:40-17:00) Yunus Emre Simsek Bilecik Şeyh Edebali University, Turkey ID925- Determination of optimum conditions for production of highly porous carbon by chemical activation method</p>	<p>Chairperson: Xiang Ming Chen</p> <p>(15:30-16:00) Xiang Ming Chen Zhejiang University, China (Invited Speaker) Structure and Multiferroic Characteristics in (Bi,R)FeO₃ Solid Solutions</p> <p>(16:00-16:20) Sevil Kofteci Akdeniz University, Turkey ID798- Prediction Of The Asphalt Mixture Performance Prepared With Recycled Fine Aggregate By Using Response Surface Analysis</p> <p>(16:20-16:40) Salih Taner Yıldırım Kocaeli University, Turkey ID739- Investigation of internal curing and temperature effect on lightweight and heat insulated mortar with recycled concrete aggregate</p> <p>(16:40-17:00) Jebreel Khoshman Al-Hussein Bin Talal University, Jordan ID599- Effect of growth atmosphere on the surface morphology, depolarization and optical constants of polycrystalline ZnO thin films</p>	<p>Chairperson: Zhuomin Zhang</p> <p>(15:30-16:00) Zhuomin Zhang Sun Yat-sen University, China (Invited Speaker) Surface enhanced Raman spectroscopy based rapid analysis for food safety</p> <p>(16:00-16:20) Xxxx Xxxx ID-xxxxx</p> <p>(16:20-16:40) Xxxx Xxxx ID-xxxxx</p> <p>(16:40-17:00) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Donghyun Kim</p> <p>(15:30-16:00) Donghyun Kim Yonsei University, Korea, Republic Of (Invited Speaker) Localization Switching-Based Molecular Detection and Imaging Using Plasmonic Nanoaperture Arrays</p> <p>(16:00-16:20) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Takeshi Kasama</p> <p>(15:30-16:00) Takeshi Kasama Technical University of Denmark, Denmark (Invited Speaker) Quantitative nanoscale magnetic imaging for Fe/Ti containing oxides: Lorentz microscopy and other related techniques</p> <p>(16:00-16:30) Jose Mustre Cinvestav-Merida, Mexico (Invited Speaker) X-ray Absorption Spectroscopy and Dynamical Distortions</p>
16:50-17:30	COFFEE BREAK					
17:30-18:30	<p>FOYER (Poster Session Area)</p> <p>Chairperson: A. Yavuz Oral</p> <p>POSTER SESSION – II</p> <p>(APMAS2018-INTERM2018)</p>					

TENTATIVE PROGRAM

FRIDAY, APRIL 27, 2018

YUNUS EMRE 1

PARALLEL SESSIONS 09:30-11:10	APMAS			APMAS & INTERM (Common Sessions)	INTERM	
	Yunus Emre 1	Yunus Emre 2	Hipokrat	Ibni Sina	Eflatun	Aristo
	<p>Chairperson: Illia Fedorin</p> <p>(09:30-10:00) Illia Fedorin National Technical University "Kharkiv Polytechnic Institute", Ukraine (Invited Speaker) Topological transition points of a magnetic-semiconductor periodic structure in an external magnetic field</p> <p>(10:00-10:30) Akram Krichene Université de Sfax, Tunisia (Invited Speaker) Colossal Magnetoresistance in Phase-Separated Manganites</p> <p>(10:30-10:50) Masahiro Mikuriya Kwansai Gakuin University, Japan ID723-Mixed-Metal System Based on Mixed-Valent Binuclear Ruthenium(II,III) carboxylate and Tetracyanidopalladate(I)</p> <p>(10:50-11:10) Gulden Asan Hitit University, Turkey ID829- Conductive Polymer Doped with Mos2 Coatings for The Corrosion Protection of Mild Steel</p>	<p>Chairperson: Dingyuan Tang</p> <p>(09:30-10:00) Dingyuan Tang Nanyang Technological University, Singapore (Invited Speaker) Rare-earth doped sesquioxide transparent ceramics: fabrication and laser emission</p> <p>(10:00-10:30) Changzhi Gu Chinese Academy of Sciences, China (Invited Speaker) The Nanofabrication and unique properties of graphene/diamond nanocone arrays</p> <p>(10:30-10:50) Duygu Yilmaz Aydin Gazi University, Turkey ID768- Obtainment of Copper(II) Fluoroborate by High-Energy Impacted Ball-Milling</p> <p>(10:50-11:10) Young-Bum Chun Korea Atomic Energy Research Institute, Korea, Republic Of ID510- Effects of Ausforming on Tensile and Impact Properties of ARAA</p>	<p>Chairperson: Chengliang Hu</p> <p>(09:30-10:00) Chengliang Hu Shanghai Jiao Tong University, China (Invited Speaker) New methods based on ring compression test for friction testing in metal forming</p> <p>(10:00-10:20) Furkan Yener Sakarya University, Turkey ID626- Class Based Storage Strategy Based Mathematical Programming Approach for Hazardous Materials Storage</p> <p>(10:20-10:40) Furkan Yener Sakarya University, Turkey ID627- Hazardous Waste Recycling in Turkey: End of Life Tire Case</p> <p>(10:40-11:00) Furkan Yener Sakarya University, Turkey ID628- Analysis of the Most Important Factors that Affecting Tensile and Shear Strength of Dual-Phase Steels using Taguchi Method</p>	<p>Chairperson: Radoslaw Chaber</p> <p>(09:30-10:00) Radoslaw Chaber University of Rzeszow, Poland (Invited Speaker) Application of Infrared Spectroscopy in the Identification of Ewing Sarcoma</p> <p>(10:00-10:30) Fábio Camargo Abdalla Universidade Federal de São Carlos (UFSCar), Brasil (Invited Speaker) Application of Atomic Force Microscopy Nanobiosensor: Prospectives on Risk Assessment of Pesticides in Bees</p> <p>(10:30-10:50) Xxxx Xxxx ID-xxxx</p> <p>(10:50-11:10) Xxxx Xxxx ID-xxxx</p>	<p>Chairperson: Christian Teichert</p> <p>(09:30-10:00) Christian Teichert Montanuniversitaet Leoben, Austria (Invited Speaker) Electrical characterization of semiconductor nanostructures by Kelvin Probe Force Microscopy and Conductive Atomic Force Microscopy</p> <p>(10:00-10:30) Ana Rivas Simón Bolívar University, Venezuela (Invited Speaker) Microscopy Techniques Applied to Phase Characterization in Microalloyed-Steels</p> <p>(10:30-11:00) Fabio Mammano Consiglio Nazionale delle Ricerche, Italy (Invited Speaker) Calcium signaling in inner hair cells and non-sensory cells of the developing mouse cochlea investigated by multiphoton microscopy</p>	<p>Chairperson: Felipe Mergulhão</p> <p>(09:30-10:00) Felipe Mergulhão LEPABE, Portugal (Invited Speaker) An Array of Microscopy Techniques to Assess Recombinant Protein Production in Escherichia Coli Biofilms</p> <p>(10:00-10:30) Amna Sahar University of Agriculture Faisalabad, Pakistan (Invited Speaker) Cipherring the potential of synchronous fluorescence spectroscopy to predict thermal changes in meat</p> <p>(10:30-11:00) Chia-Chi Huang National Chiayi University, Taiwan (Invited Speaker) Ultrasensitive SERS detection of catechin in solution</p>
11:10-12:30	LUNCH					

13:00-17:00	<p><i>SOCIAL PROGRAM</i></p> <p><i>13:00-17:00 FETHIYE SHOPPING & CITY TOUR</i></p> <p><i>(Gathering at Congress registration desk)</i></p>
17:00-17:30	<p>COFFEE BREAK</p>
17:30-18:30	<p>FOYER (Poster Session Area)</p> <p>Chairperson: A. Yavuz Oral</p> <p><i>POSTER SESSION – III</i></p> <p><i>(APMAS2018-INTERM2018)</i></p>

TENTATIVE PROGRAM
SATURDAY, APRIL 28, 2018

		APMAS		APMAS & INTERM <i>(Common Sessions)</i>		INTERM	
		Yunus Emre 1	Yunus Emre 2	Ibni Sina		Eflatun	Aristo
PARALLEL SESSIONS 09:30-11:00	Chairperson: Xiaoqin Ke (09:30-10:00) Xiaoqin Ke Xi'an Jiaotong University, China (Invited Speaker) Electrostrain enhancement at an invisible boundary in a single ferroelectric phase	Chairperson: Elisabeth Djurado (09:30-10:00) Elisabeth Djurado University Grenoble Alpes, France (Invited Speaker) Advanced Designed La ₂ -xPrxNiO _{4+δ} Oxygen Electrodes for SOFCs	Chairperson: Anna N. Yaroslavsky (09:30-10:00) Anna N. Yaroslavsky University of Massachusetts at Lowell, USA (Invited Speaker) Detecting cancer at cellular level using multimodal confocal microscopy	Chairperson: Michele Nacucchi (09:30-10:00) Michele Nacucchi ENEA, Italy (Invited Speaker) A new approach to make easier the 3D study of anisotropy and microstructure in composite or cellular materials	Chairperson: A. G. Unil Perera (09:30-10:00) A. G. Unil Perera Georgia State University, USA (Invited Speaker) Quantification of FTIR Spectral Markers for Diseased Conditions by Using Serum Samples: Application for Colitis and Tumorigenesis screening		
	(10:00-10:30) Bhaskar Chandra Mohanty Thapar University, Patiala, India (Invited Speaker) Study of kesterite phase evolution in chemical bath deposited Cu ₂ ZnSnS ₄ thin films for photovoltaic applications	(10:00-10:30) Søren Højgaard Jensen Denmark Technical University, Denmark (Invited Speaker) xxxxxxxx	(10:00-10:30) Suejit Pechprasarn The Hong Kong Polytechnic University, China (Invited Speaker) Confocal Surface Plasmon Microscopy for Surface Plasmon Wave Vector Measurement	(10:00-10:30) Osman El Atwani Los Alamos National Laboratory, USA (Invited Speaker) Advanced Electron Microscopy Techniques for Characterizing Irradiation Damage in Nuclear Materials	(10:00-10:30) Daniela Djikanovic University of Belgrade, Serbia (Invited Speaker) Fluorescence spectroscopy in structural studies of plant cell walls		
	(10:30-11:00) Feng Zhang Chinese Academy of Sciences, China (Invited Speaker) Chip design and applications based on the Resistive Random Access Memory	(10:30-10:50) Xxxx Xxxx ID-xxxxx	(10:30-10:50) Xxxx Xxxx ID-xxxxx	(10:30-11:00) Jean Stephane Antoniow University of Reims, France (Invited Speaker) XXXXX	(10:30-11:00) Joze Grdadolnik National institute of chemistry, Slovenia (Invited Speaker) Infrared Spectroscopy in Action: Hydrophobic Effect and Preferential Conformations of Blocked Dipeptides Infrared Spectroscopy in Action: Hydrophobic Effect and Preferential Conformations of Blocked Dipeptides		
11:00-11:30	COFFEE BREAK						
		APMAS		APMAS & INTERM <i>(Common Sessions)</i>		INTERM	
		Yunus Emre 1	Yunus Emre 2	Ibni Sina		Eflatun	Aristo
PARALLEL SESSIONS 11:30-12:30	Chairperson: Zaoxiao Zhang (11:30-12:00) Zaoxiao Zhang Xian Jiaotong University, China (Invited Speaker) Computational design of novel high-capacity Mg-based materials for hydrogen storage	Chairperson: Robert A. Walker (11:30-12:00) Robert A. Walker Montana State University, USA (Invited Speaker) Optical Studies of Degradation and Resilience in High Temperature Solid Oxide Fuel Cells	Chairperson: Amir Farokh Payam (11:30-12:00) Amir Farokh Payam Durham University, UK (Invited Speaker) Nanomechanical Spectroscopy & Multifrequency Operation of Atomic Force Microscopy	Chairperson: Thiago Mori (11:30-12:00) Thiago Mori Brazilian Synchrotron Light Laboratory (LNLS), Brazil (Invited Speaker) Direct piezoelectric effect microscopy	Chairperson: Vladimir Hovhannisyan (11:30-12:00) Vladimir Hovhannisyan National Chiao Tung University, Taiwan (Invited Speaker) Drug adsorption and desorption properties of zeolites revealed by multiphoton microscopy		
	(12:00-12:20) Xxxx Xxxx ID-xxxxx	(12:00-12:30) Stephen Skinner Imperial College London, UK (Invited Speaker)	(12:00-12:30) Jingang Zhong Jinan University, China (Invited Speaker) LED-based digital holographic microscopy	(12:00-12:30) Pei-Gen Ren Chinese Academy of Sciences, China (Invited Speaker) Multiphoton Microscopy and Photoacoustic Microscopy in our Tissue Engineering study	(12:00-12:30) Oleh Shpotyuk Jan Dlugosz University in Czestochowa, Poland (Invited Speaker) Positron annihilation lifetime spectroscopy in nanomaterials engineering		

					and science: from phenomenological-mathematical algorithms to practical implementation
12:40-14:00	LUNCH				
PARALLEL SESSIONS 14:00-15:10	APMAS		APMAS & INTERM <i>(Common Sessions)</i>	INTERM	
	Yunus Emre 1	Yunus Emre 2	Ibni Sina	Eflatun	Aristo
	Chairperson: Eung Soo Kim (14:00-14:30) Eung Soo Kim Kyonggi University, Korea (Invited Speaker) Tailoring Microwave Dielectric Properties of Ceramics for Information and Communication Technologies (14:30-14:50) Xxxx Xxx ID-xxxx (14:50-15:10) Xxxx ID-xxxx	Chairperson: Oktay Demircan (14:00-14:30) Oktay Demircan Boğaziçi University, Turkey (Invited Speaker) xxxxxxxxxx (14:30-14:50) Xxxx Xxx ID-xxxx (14:50-15:10) Xxxx Xxx ID-xxxx	Chairperson: Nidhi Mishra (14:00-14:30) Nidhi Mishra Indian Institute of Information Technology, India (Invited Speaker) Solvatochromic studies, molecular docking and ct-DNA binding studies of a chalcone (14:30-14:50) Xxxx Xxx ID-xxxx (14:50-15:10) Xxxx Xxx ID-xxxx	Chairperson: Tibor Janči (14:00-14:30) Tibor Janči University of Zagreb, Croatia (Invited Speaker) Application of Surface Enhanced Raman spectroscopy in food analysis – development of SERS method for determination of histamine in fish (14:30-14:50) Xxxx Xxx ID-xxxx (14:50-15:10) Xxxx Xxx ID-xxxx	Chairperson: Xiangchao Zhang (14:00-14:30) Xiangchao Zhang Fudan University, China (Invited Speaker) Three-dimensional super-resolution measurement with digital holographic microscopy (14:30-15:00) Lestyo Wulandari University of Jember, Indonesia (Invited Speaker) Application of Infrared Spectroscopy and Chemometric for Determination of Alkaloid in Medicinal Plant Extract
15:10-15:30	COFFEE BREAK				
PARALLEL SESSIONS 15:30-17:00	APMAS		APMAS & INTERM <i>(Common Sessions)</i>	INTERM	
	Yunus Emre 1	Yunus Emre 2	Ibni Sina	Eflatun	Aristo

<p>Chairperson: Moise Tchoula Tchokonte</p> <p>(15:30-16:00) Moise Tchoula Tchokonte University of the Western Cape, South Africa (Invited Speaker) Electrical resistivity and thermodynamic properties of the ferromagnet Nd₂Pt₂In</p> <p>(16:00-16:20) Xxxx Xxxx ID-xxxxx</p> <p>(16:20-16:40) Xxxx Xxxx ID-xxxxx</p> <p>(16:40-17:00) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Mehmet Ali Gülgün</p> <p>(15:30-16:00) Mehmet Ali Gülgün Sabanci University, Turkey (Invited Speaker) xxxxxxxxxx</p> <p>(16:00-16:20) Xxxx Xxxx ID-xxxxx</p> <p>(16:20-16:40) Xxxx Xxxx ID-xxxxx</p> <p>(16:40-17:00) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Otávio da Fonseca Martins Gomes</p> <p>(15:30-16:00) Otávio da Fonseca Martins Gomes (Invited Speaker) Novel developments in image analysis for iron ore textural characterization</p> <p>(16:00-16:30) Uraib Sharaha Ben Gurion University, Israel (Invited Speaker) Fast and reliable method for the determination of Escherichia coli susceptibility to antibiotics: Infrared microscopy in tandem with machine learning algorithms</p> <p>(16:30-16:50) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: René BES</p> <p>(15:30-16:00) René BES Aalto University, Finland (Invited Speaker) Actinide's bearing materials characterization using X-ray Absorption Spectroscopy: current and future opportunities</p> <p>(16:00-16:30) Judy Wu University of Kansas, USA (Invited Speaker) Plasmonic 2D Transition Metal Dichalcogenides/Graphene van der Waals Heterostructures for High-Sensitivity Surface-Enhanced Raman Spectroscopy</p> <p>(16:30-16:50) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Jean-Luc Battaglia</p> <p>(15:30-16:00) Jean-Luc Battaglia University of Bordeaux, France (Invited Speaker) Global estimation of experimental parameters and material thermal properties in Scanning Thermal Microscopy</p> <p>(16:00-16:20) Xxxx Xxxx ID-xxxxx</p> <p>(16:20-16:40) Xxxx Xxxx ID-xxxxx</p> <p>(16:40-17:00) Xxxx Xxxx ID-xxxxx</p>
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17:00-17:30 **COFFEE BREAK**

17:30-18:30 **FOYER (Poster Session Area)**
Chairperson: A. Yavuz Oral
POSTER SESSION – IV
(APMAS2018-INTERM2018)

TENTATIVE PROGRAM
SUNDAY, APRIL 29, 2018

PARALLEL SESSIONS 09:30-11:30	APMAS		APMAS & INTERM <i>(Common Sessions)</i>	INTERM	
	<i>Yunus Emre 1</i>	<i>Yunus Emre 2</i>	<i>Ibni Sina</i>	<i>Eflatun</i>	<i>Aristo</i>

	<p>Chairperson: Uros Cvelbar</p> <p>(09:30-10:00) Uros Cvelbar Jozef Stefan Institute, Slovenia (Invited Speaker) Plasma and the design of nanocatalysts</p> <p>(10:00-10:20) Tayfun Tanbay Bursa Technical University, Turkey ID606- A meshless method based on symmetric RBF collocation for neutron diffusion problems</p> <p>(10:20-10:40) Xxxx Xxxx ID-xxxxx</p> <p>(10:40-11:00) Xxxx Xxxx ID-xxxxx</p> <p>(11:00-11:20) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Natalia Lvova</p> <p>(09:30-10:00) Natalia Lvova (Invited Speaker) Technological Institute for Superhard and Novel Carbon Materials</p> <p>(10:00-10:30) Hüsnügül YILMAZ ATAY <i>İzmir Katip Çelebi University,</i> <i>Turkey</i> (Invited Speaker) Manufacturing Radar Absorbing Materials by Using Magnetic Zinc Oxide Particles Synthesized by Sol-Gel</p> <p>(10:30-10:50) Xxxx Xxxx ID-xxxxx</p> <p>(10:50-11:10) Xxxx Xxxx ID-xxxxx</p> <p>(11:10-11:30) Xxxx Xxxx ID-xxxxx</p>	<p>Chairperson: Mladen Franko</p> <p>(09:30-10:00) Mladen Franko University of Nova Gorica, Slovenia (Invited Speaker) Thermal Lens Spectrometry and Microscopy: Recent Progress and Applications in Chemical Analysis and Biomedical Diagnostics</p> <p>(10:00-10:30) Amir Bagheri Garmarudi Imam Khomeini International University (IKIU), Iran (Invited Speaker) Investigating the formation process of nano structures by infrared spectroscopy: A new approach in process analytics technology</p> <p>(10:30-11:00) Raj Kumar Panjab University, Chandigarh, India (Invited Speaker) Forensic application of ATR – FTIR coupled with multivariate analysis in the examination of questioned documents</p> <p>(11:00-11:20) Wang Guifang Fudan University, China ID-xxxxxxxxxxx</p>	<p>Chairperson: Silvia Carlotto</p> <p>(09:30-10:00) Silvia Carlotto Università degli Studi di Padova, Italy (Invited Speaker) A Theoretical Modeling of L2,3 Absorption Spectra: from Single Molecules to 2D Complex Systems</p> <p>(10:00-10:30) Akimitsu Hatta Kochi University of Technology, Japan (Invited Speaker) Micro-plasma Processing in Scanning Electron Microscope</p> <p>(10:30-11:00) Ram Prakash Shri Mata Vaishno Devi University, India (Invited Speaker) Resonant photoemission and x-ray absorption study of transition metal doped Eu2O3 thin films</p> <p>(11:00-11:30) Franciszek Krok Jagiellonian University, Poland (Invited Speaker) Xxxxxxx</p>	<p>Chairperson: Alexander Khmaladze</p> <p>(09:30-10:00) Alexander Khmaladze University at Albany SUNY, USA (Invited Speaker) Monitoring of Methamphetamine Induced Apoptosis of Live Central Nervous System Cell Cultures by Digital Holographic Phase Imaging and Raman Spectroscopy</p> <p>(10:00-10:30) Yuriy Azhniuk Institute of Electron Physics, Ukr. Nat. Acad. Sci., Ukraine (Invited Speaker) Raman spectroscopy of II– VI semiconductor nanocrystals in dielectric matrices</p> <p>(10:30-10:50) Xxxx Xxxx ID-xxxxx</p> <p>(10:50-11:10) Xxxx Xxxx ID-xxxxx</p>
11:30-12:30	LUNCH				
13:00-18:00	<p>SOCIAL PROGRAM</p> <p>13:00-18:00 LYCIAN WAY TREKKING TOUR</p> <p>(Gathering at Congress registration desk)</p>				

TENTATIVE PROGRAM MONDAY, APRIL 30, 2018	
10:00-12:00	<p>POOL TIME WITH VARIOUS ANIMATION ACTIVITIES</p> <p>Sentido Lykia Resort & Spa-Liberty Hotels Lykia</p> <p>(for participants staying in the Congress Hotel only)</p>
12:00-13:00	LUNCH
13:30-18:00	<p>SOCIAL PROGRAM</p> <p>13:30-18:00 THE BOAT CRUISE AROUND EXCELLENT BAYS OF BLUE LAGOON & VISIT TO St. NICHOLAS ISLAND</p> <p>(Gathering at Congress registration desk)</p> <p>(for participants staying in the Congress Hotel only)</p>

TENTATIVE PROGRAM
TUESDAY, MAY 1, 2018

12:00 **Hotel Check Out**

PROGRAM LEGEND DESCRIPTIONS

ID-	APMAS2018 oral presentations
ID-	INTERM2018 oral presentations