Nov. 4 Tuesday Room A		
7:00-7:50 AM	Breakfast	
7:50-7:55 AM	**Opening Ceremony Chair: Zhiming Wang**	
7:55-8:00 AM	**Introduction of Frontiers in Crystal Engineering Chair: Jagadese J. Vittal**	
Session: Frontiers in Crystal Engineering I Chair: Jagadese J. Vittal		
8:00-8:25 AM	A01: Exotic Mechanical Properties of Molecular Crystals: A Chemist's Perspective	**Pance Naumov** New York University Abu Dhabi, United Arab Emirates P18
8:25-8:50 AM	A02: Quantum Dot Photonic Devices for Optical Communications	**Naokatsu Yamamoto** National Institute of Information and Communications Technology, Japan P19
8:50-9:15 AM	A03: Electron Density Analysis for Crystal Engineering: Understanding Molecular Organization and Crystalline Properties	**Enrique Espinosa** Nancy University, France P21
9:15-9:40 AM	A04: Crystal Growth of III-V Compound Semiconductor Nanostructures and Transient Spin-related Optical Phenomena	**Akihiro Murayama** Hokkaido University, Japan P22
9:40-10:05 AM	A05: Functional Inclusion Complexes and Co-crystals of Bioactive Molecules	**Mino R Caira** University of Cape Town, South Africa P24
10:05-10:20 AM	Session Break	
Session: General I Chair: Akihiro Murayama		
10:20 -10:45 AM	A06: Surface Stress Evolution During Structural Formation on Silicon	**Hidehito Asaoka** Japan Atomic Energy Agency (JAEA), Japan P25
10:45-11:10 AM	A07: Synthesis of Nanocubes with Perovskite Structure	**Kouichi Nakashima** University of Yamanashi, Japan P26
11:10-11:35 AM	A08: Dynamic Processes during Nanostructures Growth Revealed by in Situ TEM Techniques	**Neng Wan** Southeast University, China P28
11:35-12:00 PM	A09: Pattern Formation of NaCl Crystals in Drying Gelatin	**Sujata Tarafdar** Jadavpur University, India P29

12:00-13:25 PM	Lunch Break	
Session: Frontiers in Crystal Engineering II	**Chair: Pance Naumov**	
13:25-13:50 PM	A10: New Crystals from Old: Guest-responsive Metal Organic Frameworks	**Susan Bourne** University of Cape Town, South Africa P30
13:50 -14:15 PM	A11: Non-Coulombic Ionic Crystals Composed of Complex-cation Aggregates and Inorganic-anion Aggregates	**Takumi Konno** Osaka University, Japan P31
14:15 -14:40 PM	A12: Design of Multi-Functional Stimuli-Responsive Gold Complexes	**Andrea Deak** Hungarian Academy of Sciences, Hungary P32
14:40 -15:05 PM	A13: Control of Crystal Growth of L-Phenylalanine by Optical Trapping	**Ken-ichi Yuyama** National Chiao Tung University, Taiwan P33
15:05-15:20 PM	Session Break	
Session: Frontiers in Crystal Engineering III	**Chair: Cheng-Yong Su**	
15:20-15:45 PM	A14: Crystals Engineering in Pharmaceutical Cocrystals	**Tong-Bu Lu** Sun Yat-Sen University, China P34
15:45-16:10 PM	A15: Coordiantion Assembly of Crystalline MOFs and Amorphous MOGs: Order vs Disorder	**Cheng-Yong Su** Sun Yat-Sen University, China P35
16:10-16:35 PM	A16: In-Situ Observation of Chemical Vapor Deposition Using Langasite Crystal Microbalance	**Hitoshi Habuka** Yokohama Naitonal University, Japan P36
16:35-17:00 PM	A17: Crystal Engineering in Metalladithiolene Molecular Solids by Non-covalent Intermolecular Interactions	**Tetsuro Kusamoto** The University of Tokyo, Japan P37
17:30 PM	Dinner Social	

Nov.5 Wednesday Room B		
7:00-8:00 AM	Breakfast	
Session: Recent Advances in Growth of Wide Bandgap Materials I Chair: Kun-Yu Lai		
8:00-8:25 AM	B01: Nonpolar A-plane ZnO Growth for LEDs	**Soohwan Jang** Dankook University, Korea P38
8:25-8:50 AM	B02: Epitaxial Growth of High-performance InAlN/GaN Heterostructure by Pulse-MOCVD Technique	**Jincheng Zhang** Xidian University, China P39
8:50-9:15 AM	B03: Melt Grown Layered Semiconductors	**Elena Borisenko** Russian Academy of Sciences, Russia P40
9:15-9:40 AM	B04: Bottom-up Nanoheteroepitaxy of GaN on Si	**Kun-Yu Lai** National Central University, Taiwan P41
9:40-10:05 AM	B05: Thorough Study of the Evolution of the Microstructure of Thick GaN Crystals as Substrate Material for Homoepitaxial Processing of GaN Devices	**Elke Meissner** Fraunhofer Institute for Integrated Systems and Device Technology, Germany P42
10:05-10:20 AM	Session Break	
Session: Crystal Growth for Renewable Energy and Energy Storage I Chair: Partha Dutta		
10:20 -10:45 AM	B06: Investigation of High Efficiency Perovskite-based Photovoltaic Device	**Charles Surya** The Hong Kong Polytechnic University, Hong Kong P43
10:45-11:10 AM	B07: Metal Oxide Nanowires and Mesocrystals for Enhanced Energy Storage	**John Wang** National University of Singapore, Singapore P44
11:10-11:35 AM	B08: Surface Processes on Electrolyte Crystals Growing from Solution	**Hans Erik Lundager Madsen** Faculty of Life Sciences, Denmark P45
11:35-12:00 PM	B09: Effects of the crystalline size/degree of carbon materials on the performances of organic supercapacitors	**Hsiao-Hsuan Shen** National Tsinghua University, Taiwan P46
12:00-13:25 PM	Lunch Break	
Session: General II Chair: Zlatko Sitar		

13:25-13:50 PM	B10: Ionic Liquid-assisted Vapor Growth of Organic Single Crystals and Films	**Yuji Matsumoto** Tohoku University, Japan P47
13:50 -14:15 PM	B11: Inhibition of Crystal Growth Caused by Discontinuous Surface Tension	**Noriko Akutsu** Osaka Electro-Communication University, Japan P48
14:15 -14:40 PM	B12: Atomically Controlled Molecular Beam Epitaxy of Germanium-ferromagnetic Alloys for Spintronics Devices	**Shinya Yamanda** Osaka University, Japan P50
14:40 -15:05 PM	B13: Crystallization and Crystal Growth of Lysozyme Induced by Laser Trapping	**Teruki Sugiyama** National Applied Research Laboratories, Taiwan P51
15:05-15:20 PM	Session Break	
Session: Recent Advances in Growth of Wide Bandgap Materials II		**Chair: Satoshi Kamiyama**
15:20-15:45 PM	B14: Growth and Characterization of Fluorescent SiC as A High Color-rendering Phosphor Material	**Satoshi Kamiyama** Meijo University, Japan P52
15:45-16:10 PM	B15: Development of AlGaN-based Technology for Deep UV Emitters	**Zlatko Sitar** North Carolina State University, USA P53
16:10-16:35 PM	B16: Hydrogen-induced Anomalous Hall effect in Co-doped ZnO	**Yong Chan Cho** Pusan National University, Korea P54
17:30 PM	Dinner Social	

Nov.5 Wednesday Room C		
7:00-8:00 AM	Breakfast	
Session: General III Chair: Yong-Hoon Cho		
8:00-8:25 AM	C01: Growth and Characterizaion of Hybrid Diamond-based Heterostructures	**Jiri Cervenka** The University of Melbourne, Australia P55
8:25-8:50 AM	C02: A New Approach for Estimation of Substrate Curvature in Hetero-epitaxy at Elevated Temperature	**Natsuko Aota** Kyushu University, Japan P56
8:50-9:15 AM	C03: Control of Crystal Size by Completely or Partially Dissolving Crystals during Batch Crystallization	**Hiroshi Ooshima** Osaka City University, Japan P57
9:15-9:40 AM	C04: Kesterite $Cu_2ZnSn(S,Se)_4$ – Phase-Pure Single Crystal and Thin Film Growths	**Diego Colombara** University of Luxembourg, Luxembourg P58
9:40-10:05 AM	C05: Weak Bonds in Low-dimensional Crystals	**Hui Jiang** Nanyang Technological University, Singapore P60
10:05-10:20 AM	Session Break	
Session: Nitrides Thin Films and Applications I Chair: Elisabeth Blanquet		
10:20 -10:45 AM	C06: Various Applications of Ti-Al-N Thin Films Grown from a Vapor Phase	**Elisabeth Blanquet** Grenoble Alpes University, France P61
10:45-11:10 AM	C07: Growth and Applications of GaN-based Quantum Photonic Nanostructures	**Yong-Hoon Cho** Korea Advanced Institute of Science & Technology, Korea P62
11:10-11:35 AM	C08: Growth of InGaN Quantum Dots Light-Emitting Diodes by MOVPE	**Lai Wang** Tsinghua University, China P63
11:35-12:00 PM	C09: High Purity Silazane-based Releasing Nitrides Coatings for PV Silicon Crystallization	**Virginie Brize** LCIPV laboratory – Innovative Concepts for PV, France P64
12:00 -12:25 PM	C10: The non-polar GaN (1010) surface: Surface states and intrinsic versus extrinsic Fermi-level pinning	**Holger Eisele** Berlin University of Technology, Germany P65
12:25-13:25 PM	Lunch Break	
Session: Crystal Growth for Optoelectronic Device I Chair: Darko Makovec		

13:25-13:50 PM	C11: Understanding and Controlling Epitaxial Growth of Lattice Mismatched Materials Using InGaAs on GaAs	**Itaru Kamiya** Toyota Technological Institute, Japan P66
13:50 -14:15 PM	C12: Fabrication of Ultra-high Density InAs QDs and Its Applications	**Kouichi Akahane** National Institute of Information and Communications Technology, Japan P68
14:15 -14:40 PM	C13: Synthesis of Bi-Crystalline ZnO Nanowire Arrays on Glass substrate by Thermal Oxidation of Zinc Film: Growth Mechanism and Application	**Jun Chen** Sun Yat-sen University, China P70
14:40 -15:05 PM	C14: Functional Semiconductor/Carbon-nanostructure Hybrids for Advanced Photodetection	**Judy Wu** University of Kansas, USA P71
15:05-15:20 PM	Session Break	
Session: Crystal Growth in the Nano- and Micro-scale I Chair: Murali Rangarajan		
15:20-15:45 PM	C15: Growth of Bimagnetic Composite Nanocrystals	**Darko Makovec** Jozef Stefan Institute, Slovenia P72
15:45-16:10 PM	C16: Growth of Fullerene Nanowhiskers by LLIP Method	**Kun'ichi Miyazawa** National Institute for Materials Science, Japan P73
16:10-16:35 PM	C17: CH-π, π-π and Weak Hydrogen Bonds in Crystal Engineering	**M. Moazzam Naseer** Quaid-i-Azam University, Pakistan P75
17:30 PM	Dinner Social	

Nov.5 Wednesday Room D		
7:00-8:00 AM	Breakfast	
Session: Crystal Growth for Renewable Energy and Energy Storage II Chair: Partha Dutta		
8:00-8:25 AM	D01: Analysis of Defects in Mono-like Silicon Ingots by Synchrotron X-ray Diffraction Imaging	**Maria Tsoutsouva** European Synchrotron Radiation Facility, France P77
8:25-8:50 AM	D02: Investigation of the interface layer between Indium droplets/Si-surface prior to Si-NWs growth Using VLS Mode and Optical Simulation of the Si-NWs for Solar Cells Application	**M. Ajmal Khan** Japan Science and Technology Agency (JST), Japan P79
8:50-9:15 AM	D03: Two-dimensional Layered Complex Metal Nitrides: A New Class of Thermoelectric Materials	**Isao Ohkubo** National Institute for Materials Science, Japan P81
9:15-9:40 AM	D04: Nanowires with Promise for High Efficiency Photovoltaics	**Magnus T. Borgstrom** Lund University, Sweden P83
9:40-10:05 AM	D05: Ammonium Oxofluorotitanates – Open the Door to a New Strategy for the Synthesis of TiO_2 Mesocrystals	**Yanna Guo** Huazhong University of Science and Technology, China P85
10:05-10:20 AM	Session Break	
Session: Functional Materials Chair: Suja Elizabeth		
10:20 -10:45 AM	D06: Construction of New Metal-Organic Frameworks toward Multiple Functions	**Xianhe Bu** Nankai University, China P86
10:45-11:10 AM	D07: Studies on Multifunctional Oxide Crystals	**Suja Elizabeth** Indian Institute of Science, India P87
11:10-11:35 AM	D08: Preparation of Functionalized Magnetic Nanoparticles for Cancer Treatment	**Ren-Jei Chung** National Taipei University of Technology, Taiwan P88
11:35-12:00 PM	D09: Metal-Organic Frameworks from Highly Symmetric and Multidentate Ligands: New Methodology, Structures , Properties, Perspectives	**Junfeng Bai** Nanjing University, China P89
12:00 -12:25 PM	D10: Optical Functional Materials for Full Spectrum White LEDs	**Partha Dutta** Rensselaer Polytechnic Institute, USA P91
12:25-13:25 PM	Lunch Break	

Session: Recent Advances in Growth of Wide Bandgap Materials III Chair: Tomohiro Yamaguchi		
13:25-13:50 PM	D11: Recent Progress in GaN-LED with ZnO Transparent Conductive Layer (TCL)	**Gang Wang** Sun Yat_sen University, China P92
13:50 -14:15 PM	D12: RF-MBE Growth of InGaN Alloys and Fabrication of Optical Device Structrues	**Tomohiro Yamaguchi** Kogakuin University, Japan P93
14:15 -14:40 PM	D13: Polarity of GaN Surfaces and Nanowires from X-ray Photoelectron Diffraction	**Oleksandr Romanyuk** Academy of Sciences of the Czech Republic, Czech Republic P94
14:40 -15:05 PM	D14: Growth and Characterization of Bulk and Nano Structured ZnO Crystals for Scintillator Applications	**Nobuhiko Sarukura** Osaka University, Japan P96
15:05-15:20 PM	Session Break	
Session: Crystal Growth for Renewable Energy and Energy Storage III Chair: Partha Dutta		
15:20-15:45 PM	D15: Kyropoulos Crystal Growth of Silicon for Photovoltaics	**Guy Chichignoud** French National Center for Scientific Research(CNRS), France P97
15:45-16:10 PM	D16: Photocurrent and Photovoltaic Properties of Ferroelectric BiFeO3-based Thin Films Grown on Si-based Substrates	**Wataru Sakamoto** Nagoya University, Japan P99
16:10-16:35 PM	D17: An Interpenetrated MOF-5 Framework Constructed from an Anthracene-based carboxylate Ligand for Gas absorption	**Liangliang Zhang** China University of Petroleum (East China), China P101
17:30 PM	Dinner Social	

Nov.6 Thursday Room B		
7:00-8:00 AM	Breakfast	
Session: Crystal Growth in the Nano- and Micro-scale II Chair: Murali Rangarajan		
8:00-8:25 AM	B18: Electrodeposited Nano- and Micro-structured crystals of Bismuth on Polycrystalline Copper: Morphologies and Ultratrace Sensing of Heavy Metals	**Murali Rangarajan** Amrita School of Engineering, India P103
8:25-8:50 AM	B19: Hydrothermal Synthesis of Titania and Magnetite Crystals with Unique Morphologies	**Makoto Kobayashi** Tohoku University, Japan P104
8:50-9:15 AM	B20: Electrochemical Co-Deposition of SnBi Alloys: Mechanism, Morphologies, Additives, and Composition	**A. R. Rajamani** Amrita Vishwa Vidyapeetham, India P106
9:15-9:40 AM	B21: Laser Ablation in Liquid for Nanocrystals Synthesis and Nanostructures Fabrication	**G. W. Yang** Sun Yat-sen University, China P108
9:40-10:05 AM	B22: Spontaneous growth of Fe_3O_4 nanopyramid structures	**Ryota Takahashi** University of Tokyo, Japan P109
10:05-10:20 AM	Session Break	
Session: Frontiers in Crystal Engineering IV Chair: Makoto Kobayashi		
10:20 -10:45 AM	B23: Controlling the Directionality of Spontaneous Emission via a Novel Evanescent-to-propagating Light Transformation Effect in a Small Ridge/Truncated-cone Structure	**Xuelun Wang** National Institute of Advanced Industrial Science and Technology, Japan P110
10:45-11:10 AM	B24: Anisotropic Strain Engineering in Si/Ge Heterostructures	**Kentarou Sawano** Tokyo City University, Japan P112
11:10-11:35 AM	B25: A Novel Approach for Protein Crystallization with High-strength Hydrogels	**Shigeru Sugiyama** Osaka University, Japan P114
11:35-12:00 PM	B26: Control of Grain Boundaries in Metal Single Crystal and its Application to Transparent Conductive Electrode	**Se-Young Jeong** Pusan National University, Korea P116
12:25-13:25 PM	Lunch Break	
Session: General IV Chair: Lixin Zhang		

13:25 -13:50 PM	B27: Early Stages of Graphene and Nitride Growth on Silicon Carbide	**Jacek A. Majewski** University of Warsaw, Poland P118
13:50-14:15 PM	B28: Deposition of GaN/m-plane Sapphire Substrates via Electron Beam Deposition, and Optimization of Post-treatment Condition in Ammonia Environment	**Azharul Ariff Kamarulzaman** Universiti Sains Malaysia, Malaysia P120
14:15 -14:40 PM	B29: Nonporous but yet CO_2-sorbing Molecular Crystals	**Hirohito Tsue** Kyoto University, Japan P121
14:40 -15:05 PM	B30: Effect of Natural and Forced Convection during Material Crystallization	**Kader. Zaidat** University of Grenoble Alpes, SIMAP, France P123
15:05-15:20 PM	Session Break	
Session: Modeling and Simulation in Crystal Growth Chair: Xiaobin Niu		
15:20-15:45 PM	B31: Surface Structures and the Defect Control During Epitaxy of Crystal	**Lixin Zhang** Nankai University, China P125
15:45-16:10 PM	B32: Impact of Surface Phase Coexistence on the Development of Step-free Areas on Si(111)	**Andreas Fissel** Leibniz University of Hannover, Germany P126
17:30 PM	Dinner Social	

Nov.6 Thursday Room C		
7:00-8:00 AM	Breakfast	
Session: Frontiers in Crystal Engineering V Chair: Daniela Gogova		
8:00-8:25 AM	C18: Sheathed Nanowires Aligned by Crystallographic Periodicity	**Hiroshi M. Yamamoto** Institute for Molecular Science, Japan P128
8:25-8:50 AM	C19: Single Crystal Diffraction Obtained from a Powder via Magnetically Oriented Microcrystal Array	**Tsunehisa Kimura** Kyoto University, Japan P130
8:50-9:15 AM	C20: Solution-air Interface Growth of Hierarchical Biomineral Structures	**Guobin Ma** Nanjing University, China P132
9:15-9:40 AM	C21: Molecule to Supramolecule: Effect of Assembly on the Molecular Properties of H-bonded Chiral Assembly	**Mrigendra Dubey** Banaras Hindu University Varanasi, India P134
9:40-10:05 AM	C22: Preparation and characterization of topological insulator thin film on H-terminated Si (111)	**Lei Gao** University of Electronic Science and Technology of China, China P135
10:05-10:20 AM	Session Break	
Session: Recent Advances in Growth of Wide Bandgap Materials IV Chair: Eberhard Richter		
10:20 -10:45 AM	C23: 4H-SiC epilayers for high power bipolar device	**Jawad Ul Hassan** Linkoping University of Technology, Sweden P136
10:45-11:10 AM	C24: Gallium Oxide – A Newly Rediscovered Wide Bandgap Semiconductor	**Daniela Gogova** Leibniz Institute for Crystal Growth, Germany P138
11:10-11:35 AM	C25: Perspectives and Challenges of AlGaN HVPE	**Eberhard Richter** Leibniz-Institut für Höchstfrequenztechnik, Germany P139
11:35-12:00 PM	C26: InN and Related Semiconductor Alloys for Novel Photo-voltaic Cells – Low Temperature Epitaxial Growth, Characterization and Properties	**Dimiter Alexandrov** Lakehead University, Canada P140
12:00 -12:25 PM	C27: Plasma-assisted Molecular Beam Epitaxy of ZnO on in-situ Grown GaN/4H-SiC Buffer Layers	**Thorvald Andersson** Chalmers University of Technology, Sweden P142
12:25-13:25 PM	Lunch Break	

Session: Crystal Growth in Microgravity and at Externally Imposed Fields I Chair: Leonard F. Lindoy		
13:25-13:50 PM	C28: Melt Structure Control in Crystal Growth Process	**Andrey P. Sadovskiy** D. Mendeleyev University of Chemical Technology of Russia, Russia P144
13:50 -14:15 PM	C29: Si Crystal Growth under Conditions of Reduced Melt Convection	**Michael Gonik** Centre for Material Science "PHOTON", Russia P146
14:15 -14:40 PM	C30: Study of Crystal-liquid Interfacial Free Energy and Local Structure of Liquid Metals Using Electrostatic Levitation Technique	**Geun Woo Lee** Korea Research Institute of Standards and Science, Korea P148
14:40 -15:05 PM	C31: Crystal Growth of Ternary Compound Semiconductors in Low Gravity Environment	**Ching-Hua Su** NASA/Marshall Space Flight Center, USA P149
15:05-15:20 PM	Session Break	
Session: High Pressure Crystal Growth and Diffraction Chair: Andrey P. Sadovskiy		
15:20-15:45 PM	C32: Extended Architectures Derived from Cu(II) Complexes of 1,3-Aryl-Linked Bis-β-Diketonato Ligands: Towards a Pressure Controlled Molecular Switch	**Leonard F. Lindoy** University of Sydney, Australia P150
15:45-16:10 PM	C33: High Pressure and Multiferroic Materials: A Happy Marriage	**Edmondo Gilioli** IMEM-CNR, Italy P152
16:10-16:35 PM	C34: High -pressure Growth of New Layered-structure Chalcogenides	**Vadim Brazhkin** Russian Academy of Sciences, Russia P153
17:30 PM	Dinner Social	

Nov.6 Thursday Room D		
7:00-8:00 AM	Breakfast	
Session: Nitrides Thin Films and Applications II Chair: Elisabeth Blanquet		
8:00-8:25 AM	D18: Development of GaN-based Photocatalysts to Produce Hydrogen Energy from Water	**Kazuhiro Ohkawa** Tokyo University of Science, Japan P154
8:25-8:50 AM	D19: UV-C Photodetectors and Emitters Grown on C-Al_2O_3 by Plasma-assisted Molecular-beam Epitaxy	**Valentin Jmerik** IOFFE Physico-Technical Institute, Russia P156
8:50-9:15 AM	D20: Nitride Quantum Dots for UV Emission and Application to LEDs	**Julien Brault** CNRS-CRHEA, France P158
9:15-9:40 AM	D21: Functionalisation of HTCVD Grown Aluminium Nitride	**Michel Pons** Science et Ingénierie des MAtériaux et Procédés(SIMaP), France P160
9:40-10:05 AM	D22: Niobium Nitride Thin Films Deposited by High Temperature Chemical Vapor Deposition	**Frederic Mercier** SIMaP, France P162
10:05-10:20 AM	Session Break	
Session: General V Chair: Kazuhiro Ohkawa		
10:20 -10:45 AM	D23: Control of the growth of ice by a new cryoprotector carboxylated -poly-L-lysi	**Dmitry Vorontsov** Lobachevsky State University of Nizhny Novgorod, Russia P164
10:45-11:10 AM	D24: Rational Design of Magnetic Networks Based on High-spin Mn Clusters in Mn-1,3-diol System	**Gang Wu** Jilin University, China P165
11:10-11:35 AM	D25: Corrosion Characterization of Tin-Silver Based Lead-Free Solders	**M. A. Fazal** University of Malya, Malaysia P166
11:35 -12:00 PM	D26: Structural, Optical and Luminescence Analysis of Ferromagnetic Mn-doped BaTiO3 Thin Films by RF Magnetron Sputtering	**Kunjukunju Joy** Mar Ivanios College, India P167
12:00-13:25 PM	Lunch Break	
Session: Crystal Growth for Optoelectronic Device II Chair: Robin D. Rogers		

13:25-13:50 PM	D27: Growth and Noncritical Phase-matching Characteristics of Calcium Oxoborate Crystals	**Zhengping Wang** Shandong University, China P168
13:50 -14:15 PM	D28: Growth of Non Linear Optical Co-crystals of 4-Nitrophenol Adducts	**Tatiana V. Timofeeva** New Mexico Highlands University, USA P170
14:15 -14:40 PM	D29: Effect of Heat Treatment of Optical Fiber Incorporated with Au Nano-particles on Surface Plasmon Resonance	**Seongmin Ju** Gwangju Institute of Science and Technology, South Korea P171
14:40 -15:05 PM	D30: Flat Flame Chemical Vapor Deposition of Meso-porous TiO2 Films as Anodes of the Dye-sensitized Solar Cells	**Yijia Chen** National Dong Hwa University, Taiwan P173
15:05-15:20 PM	Session Break	
Session: Crystal Growth in Microgravity and at Externally Imposed Fields II Chair: Seongmin Ju		
15:20-15:45 PM	D31: Numerical and Experimental Analysis of Ge-Sb Single Crystal Growth by AVC-AHP Technique	**Ercan Balikci** Bogazici University, Turkey P174
15:45-16:10 PM	D32: Doped InSb Detached Crystals by VDS Technique: Physics, Physical Properties and Applications	**Dattatray Gadkari** Mithibai College (MITHI) , India P175
17:30 PM	Dinner Social	

Nov.5 Wednesday Poster Session		
14:30 -16:00 PM	P01: Modeling of a novel AVC-AHP technique for Single Crystal Growth from melt	**Igor Avetisov** D.Mendeleyev University of Chemical Technology of Russia, Russia P177
	P02: Morphology effect on photocatalytic efficiency of nano-hematite	**Yen-Hua Chen** National Cheng Kung University, Taiwan P179
	P03: Growth of Two-dimensional Molybdenum Disulfide on Hexagonal Boron Nitride by Chemical Vapor Deposition	**Hyonkwang Choi** Inje University, Korea P181
	P04: Growth Control of Aerosol Deposited $BaTiO_3$ Nanocrystals	**Nam Young Kim** Kwangwoon University, Korea P183
	P05: Influence of the bottom heater in Sapphire single Crystal Growth using Heat Exchange Method	**Jae-Yong Lee** Kookmin University, Korea P185
	P06: Control of Self-assembled Au Nanostructures on various Semiconductors via Time, Deposition Amount and Temperature variation	**Jihoon Lee** Kwangwoon University, Korea P186
	P07: Optical Spectral Filter Using Serially Coupled Ring Resonators Based on Silicon Waveguides	**Sang Shin Lee** Kwangwoon University, Korea P189
	P08: A new discrete$[Co(SO_4)(C_{12}H_8N_2)_2]\times C_2H_4O$ complex and its transformation to higher dimensional coordination polymers	**Natthaya Meundaeng** Chiang Mai University, Thailand P191
	P09: Synthesis, structure characterization and photoluminescent studies of Eu^{3+} and Tb^{3+} doped $La_2(C_8H_4O_4)(C_8H_3NO_6)_2(H_2O)_4$	**Kitt Panyarat** Chiang Mai University, Thailand P193
	P10: The Synthesis, Crystal Growth, and THz Properties of Organic DAST	**Bing Teng** Qingdao University, China P194
	P11: Formation of Ge/Si nanoscale structures at different growth conditions by molecular beam epitaxy	**Vyacheslav Timofeev** Siberian Branch of the Russian Academy of Sciences, Russia P196
17:30PM	Dinner Social	