

Conference Program



**Seoul, South Korea
September 5-7, 2015**

Important Notes:

- (1) You may register at any time during the conference.
- (2) The Invoice of payment can be collected at the registration desk at any time.
- (3) The Certificate of Participation can be collected at the registration desk only after your presentation.
- (4) Session chairmen can ask for a special Certificate at the registration desk after the session
- (5) The duration of a presentation slot is 15 minutes for a regular paper, 30 minutes for an invited paper and 40 minutes for a plenary speech, including questions. Invited papers are marked in Italic letters
- (6) All authors should give their biographies to the chairmen before the beginning of the session.
- (7) Authors can upload their presentations to the available computers 10 minutes before the beginning of their session.

Conference Location:

**The Seoul Dongdaemun Hotel
354 Dongho-ro, Jung-Gu,
100-195 Seoul, South Korea**

Saturday 5th September 2015

Conference Room: A

Time: 09:00-09:45

Keynote Lecture:



Space Pruning Approach to the Solution of Eigenvalue Problems for Singular Ordinary Differential Operators
by Prof. Metin Demiralp, Istanbul Technical University, TURKEY.

Conference Room: B

Time: 09:00-09:45

Plenary Lecture 1:



Synthetic Over-Sampling and Understandable Data Mining Models
by Prof. Hyontai Sug, Dongseo University, KOREA.

Conference Room: C

Time: 09:00-09:45

Plenary Lecture 2:



The Design of Sensor Networks for Detection of Faults in Smart Power Grids
by Prof. Demetrios Kazakos, Texas Southern University, USA.

Saturday 5th September 2015

Conference Room: A

Time: 09:45-10:30

Plenary Lecture 3:



Recovery of Metals from Electronic Industry Wastes

by Prof. Hong Hocheng, National Tsing Hua University, TAIWAN ROC.

Conference Room: B

Time: 09:45-10:30

Plenary Lecture 4:



Ceramic Materials for Clean Energy and Environment: Precise Crystal Structure and Properties

by Prof. Masatomo Yashima, Tokyo Institute of Technology, JAPAN.

Conference Room: C

Time: 09:45-10:30

Plenary Lecture 5:



Challenges for Higher Educational Private Providers in IT and Engineering Discipline

by Prof. Savitri Bevinakoppa, Melbourne Institute of Technology, AUSTRALIA.

10:30-11:00: Coffee Break

Saturday 5th September 2015

Conference Room: A

Time: 11:00-11:45

Plenary Lecture 6:



Modern and Historic Structures' Failure Modes with Regards to Design Mistakes, Strength Depreciation, and Nature's Forces

by Prof. Ahmet Turer, Middle East Technical University, TURKEY.

Conference Room: B

Time: 11:00-11:45

Plenary Lecture 7:



Exploring the Power of Intelligent Data-Mining Techniques to Provide High Quality Healthcare Services to the Elderly People

by Prof. Kun Chang Lee, Sungkyunkwan University, KOREA.

Conference Room: C

Time: 11:00-11:45

Plenary Lecture 8:



Bio-Inspired Visual Information Processing and its Applications to DSM and ADAS

by Prof. I. S. Han, Korea Advanced Institute of Science and Technology, Korea.

Saturday 5th September 2015

Conference Room: A

Time: 11:45-12:30

Plenary Lecture 9:



Management of Sustainable Products and Services Using the Eco Concept

by Assoc. Prof. Badea Lepadatescu, Transilvania University of Brasov, ROMANIA.

Conference Room: B

Time: 11:45-12:30

Plenary Lecture 10:



Control Functions and Bipolar Potentials in Excitatory Cells – Characteristics of Neuron and Unicellular Organism

by Prof. Atsushi Fukasawa, Institute of Statistical Mathematics, JAPAN.

Conference Room: C

Time: 11:45-12:30

Plenary Lecture 11:



Diffusion in Shrinking Media: A Modeling and Numerical Approach

by Prof. Edi Cahyono, University of Halu Oleo, INDONESIA.

Conference Room: A

Time: 12:30-14:30

ACE '15: Applications of Software

Chair: Yang-Keun Ahn, Kwang-Mo Jung

Applications of Hurwitz-Radon Matrices in Data Engineering and Information Restoration	Dariusz Jacek Jakóbczak	72908-103
Dynamic Response of Soil-Structure Interaction System in Time Domain Using Elastodynamic Infinite Elements with Scaling Modified Bessel Infinite Shape Functions, Using Finite Element Method	K. Kazakov	72908-106
Issues, Challenges and Best Practices of Software Testing Activity	Zulkefli Mansor, Enebeli E. Ndudi	72908-109
Head Tracking System Implementation Using a Depth Camera	Yang-Keun Ahn, Kwang-Mo Jung	72908-112
An improved Naive Bayes Classifier for Large Scale Text	Chen Huaixin	72908-124
Viewing Environment Based Smart TV User Experience System Design and Implementation	Yang-Keun Ahn, Kwang-Mo Jung	72908-115
Gesture Recognition Using a 3D Skeleton Model	Yang-Keun Ahn, Kwang-Mo Jung	72908-118
Depth Camera Based Hand Gesture Spatial Touch System	Yang-Keun Ahn, Kwang-Mo Jung	72908-121

Conference Room: B

Time: 12:30-14:30

BIO '15: Cellular and Molecular Biology

Chair: Yumi Takizawa, Atsushi Fukasawa

Activity of Bipolar Potential Generation in Paramecium Based on Study in Neuron	Yumi Takizawa, Atsushi Fukasawa, Hiro-aki Takeuchi	72906-103
Activity for Generation of Bipolar Potentials in Neuron	Atsushi Fukasawa, Yumi Takizawa	72906-106
Reduction Mercury-Polluted Water in Gold Mine with Anaerobic Bacteria	Prima Endang Susilowati, Spto Raharjo, Rachmawati Rusdin, Misrawati, Siti Nur Hajiran, Sarfina, Muzuni	72906-118
Preparation of Chitosan Magnetic Nanoparticles Loaded Recombinant Tissue Plasminogen Activator for Targeted Thrombolysis	Jyh-Ping Chen, Hao-Lung Hsu	72906-112
HLA-C Gene in Hepatitis C Virus Infected Patients in Egypt, to Estimate the Relation Between HLA-C Gene and Interferon / Ribavirin as Treatment for Hepatitis C Virus	Shaden Muawia Hanafy, Amal Ahmed Abbas, Safy Kabeel Aly Mansour	72906-115
Fabrication of Porcine DNA Biosensor Based on [Ru(bpy) ₂ PIP] ²⁺ Complex	Nurul Izni Abdullah Halid, Haslina Ahmad, Lee Yook Heng, Nurul Huda Abd. Karim, Siti Norain Harun, Siti Aishah Hasbullah	72906-121
Nonlinear Patterns During the Temporal Organization of Self-Initiated Movement	Juliana Dushanova	72906-142

Conference Room: C

Time: 12:30-14:30

ICACM '15: Applied Mathematics

Chair: Metin Demiralp, Teimuraz Davitashvili

On Crack Behavior in the Composite Piece-Wise Homogeneous Body	Teimuraz Davitashvili, Archil Papukashvili, Zurab Vashakidze	72904-169
Temperature Evaluation of Stage Method of Mass Concrete Construction in Determining Direct Method Strategy	Masykur Kimsan, Morgan L. Setiady, Chandra Yudi Kusuma, Kurniati Ornam, Edi Cahyono	72904-172
A Fluctuation Expansion for Kronecker Power Series Obtained through Probabilistic Evolution Theory for the Case of Probabilistic Initial Value Impositions	Metin Demiralp	72904-196
Dynamical Systems with Variable Dissipation: Methods and Applications	Maxim V. Shamolin	72904-175
Comparing Variants of Single-Time Stochastic Maximum Principle	Constantin Udriste	72904-178
Fuzzy Based Particle Swarm Optimization Technique for Congestion Management	Nur Zahirah Mohd Ali, Ismail Musirin, Hasmainsi Mohamad	72904-181
Adaptive Distance Relaying Scheme for Power Swing Tripping Prevention	Nor Zulaily Mohamad, Ahmad Farid Abidin, Ismail Musirin	72904-184
SVC-PID Based Angle Stability Enhancement Using PSO Technique	N. A. Mohamed Kamari, I. Musirin, M. M. Othman	72904-187
Computational Intelligence Technique for Solving Fuzzy Based Dynamic Economic Load Dispatch Problem	N. A. Rahmat, I. Musirin, A. F. Abidin	72904-190
Towards Multivariate Support Function Utilization in Enhanced Multivariate Products Representation (EMPR)	Metin Demiralp	72904-202

14:30-15:00 Coffee Break

Conference Room: A

Time: 15:00-17:00

MMF '15: Management & Finance

Chair: Badea Lepadatescu, Constantin Buzatu

Frame Effect Theories; Review and Assessment	Hamed Taherdoost, Saba Montazeri	72907-124
Management of Sustainable Products and Services Using the Eco Concept	Badea Lepadatescu, Flavius A. Sarbu	72907-127
Studies on the Development and Implementation of an Energy Management Program in Production Departments	Flavius A. Sarbu, Gheorghe Catalin	72907-130
The Frights and the Avatars of the Financial Crisis	Bucur Ion	72907-133
Studies Regarding the Risks that Companies must Face on Selling their Products	Constantin Buzatu, Girdu Constantin Cristinel	72907-136
Tourism Services Quality Improvement. Case Study Biemann	Nicoleta Andreea Neacșu, Anca Madar	72907-139
Ways to Reduce Operating Expenses at Industrial Business from Romania	Catalin Gheorghe	72907-145
An Innovative Context-Driven Approach to Knowledge-Managing Employee Satisfaction in Complex Organizations	Anthony Ayoola	72907-148
Development of Local Exchange Trading System for Islamic Microfinance Institutions	Intan Salwani Mohamed, Nabilah Rozzani, Rashidah Abdul Rahman, Normah Omar	72907-115
Preventive Measures in Mitigating Money Laundering: Expectations on Designated Non-Financial Business and Profession	Normah Omar, Zulaikha 'Amirah Johari, Intan Salwani Mohamed	72907-121
Mosques Fund Management: A Study on Governance and Internal Controls Practices	Intan Salwani Mohamed, Mohamad Noorman Masrek, Norzaidi Mohd Daud, Roshayani Arshad, Normah Omar	72907-142

Saturday 5th September 2015

Conference Room: B

Time: 15:00-17:00

CGB '15: Climate Changes & Biological Problems

Chair: Meryl Pearce-Churchill, Kang Sunjoo

Pro-Environmental Behaviors of Climate Skeptics: Do Beliefs Matter? A Study in the Dry Tropics, Australia	Meryl Pearce, Lynne Eagle, David Low, Andrea Schurmann	72901-100
Biodiversity Conservation of Local Plant Germplasm in Southeast Sulawesi - Indonesia: Efforts, Challenges and Roles of Related Institutions	Teguh Wijayanto, Gusti Ray Sadimantara, Suaib, Abdul Wahab, Pande Wyda Arysti	72901-103
A Two-Step Process for Removal of Carbon Dioxide and Production of Desalinated Water Using Ammoniated Saline Water	Omar Chaalal, Md. Monwar Hossain	72901-106
The Effect of Agroecosystem Environmental Change on the Black Pepper Foot Rot Disease Epidemics	La Ode Santiaji Bande, Arsul Sani, Usman Rianse, Awaludin	72901-112
Climate Change and its Impacts on Health Policy in Korea	Kang Sunjoo	72901-115

Saturday 5th September 2015

Conference Room: C

Time: 15:00-17:00

EDEB '15: Energy and Development

Chair: Lyudmila Alikberova, Sang C. Lee

A Three Phase Multilevel Inverter for Grid Connected Photovoltaic System by Using PID Controller	R. Anand, S. Saravanan, S. Ragavan Swaminathan	72911-100
The New Pumped Storage Power Plant with Variable Speed Generator	Seyed Mohammad Hassan Hosseini, Sina Eslami	72911-106
Lanthanide Complexes with Monodentate and Bidentate Amide Ligands	Lyudmila Alikberova, Elena Savinkina, Albina Bushmeleva	72911-109
Toothpaste Novelty and Reality	Essam A. Makky, Muna Jalal Ali, Mashitah M. Yusoff	72911-112
Exploring Combustion and Emissions Characteristics of Carbonized Biomass-Lignite Blended Briquettes	Lukas Kano Mangalla, Mustarum Musaruddin, Usman Rianse	72911-115
Sustainable & Self-Sufficient Eco-Energy Virtuous Cycle System for Space Farm	Sang C. Lee	72911-118

Conference Room: A

Time: 17:00-19:00

EHAC '15: Electronics, Hardware, Wireless and Optical Communications

Chair: Savitri Bevinakoppa, Ming-Shen Jian

Improving Node Cooperation Using Neighbor Watch in Mobile Ad Hoc Networks	Vemana Chary, Padmanabham, Bhima Prabhakara Rao	72909-103
The Combined Hot Air Dryer and Heating Infrared for Moisture Control Innovation	Karin Kandananond	72909-106
Comparative Study of Hierarchical Time Sliced OBS and Tradiational Non-Slotted Optocal Burst Swithed Networks	Yahaya Coulibaly, George N. Rouskas, Muhammad Shafie Abd. Latiff	72909-109
Stable Election Protocol for Three Dimensional Clustered Heterogeneous Wireless Sensor Network	Mostafa Baghoury, Abderrahmane Hajraoui, Saad Chakkor	72909-112
Wireless Power Charger with Dynamic Pivoting Antenna Module for Various Wireless Sensor	Ming-Shen Jian, Yan-Long Chen, Siang-Jyun Li	72909-115
Trapping of Nano Particles Using Cylindrical Vector Beam with High NA Lens Axicon	P. Suresha	72909-118
WiMAX Bit Error Rate (BER) with AWGN Channel for Variable Modulation Techniques	Savitri Bevinakoppa, Dev Krishna Shrestha	72909-121
Performance Analysis of WiMAX with MIMO Antenna	Savitri Bevinakoppa, Binod Kumar Ranabhat, S. V. Saboji, C. B. Akki	72909-127
Indoor Positioning System with IMU, Map Matching and Particle Filter	Nammoon Kim, Youngok Kim	72909-130

Conference Room: B

Time: 17:00-19:00

E- Activities '15: Applications of Electronics and Computers

Chair: Eko Supriyanto, Radu Adrian Ciora

E-Mentor: The Development of the Teachers' Competences and Abilities Concerning the ICT and the Educational Mentoring of the Disabled	Daniel Mara, Radu Adrian Ciora	72905-103
An Integrative Framework for Local E-Government Evaluation	Georgios Lappas, Prodromos Yannas, Amalia Triantafillidou, Alexandros Klefodimos, Olga Vasileiadou	72905-106
An Architecture for Cloud-Based e-Book Software-as-a-Service	Jyhjong Lin, Chaoyu Lin	72905-109
Managing Successful IT Project; Marketing Perspective	Hamed Taherdoost, Abolfazl Keshavarzsaleh	72905-112
Modelling the Dependability of Mobile Devices	M. A Sofowora, S. D. Eyono Obono	72905-115
Exploring Factors Influencing 'Perceived Usefulness' and its Relationship on Hospital Information System End User Satisfaction	Maya Abdullah Maamuom, Muhammad Haikal Satria, Eko Supriyanto, Jasmy Yunus	72905-118
Challenges and Opportunities of Telemedicine Implementation in Africa	Muniru Oladele Idris, Muhammad Haikal Satria, Eko Supriyanto	72905-121
Embedding E-Activities in Higher Education – Initiation in Middle East College through Collaborative Learning and Game Development	Prakash Kumar Udipi, Thoufееq Ahmed Sayed	72905-124

Conference Room: C

Time: 17:00-19:00

ACE '15: Applied mathematics and Computers

Chair: Soo-Young Kim, Nam-Su Jung

Ignorance, Total Information, and Statistical Complexity for Diversity Assessment	Nam-Su Jung	72908-133
Credit Card Fraud Detection System Based on User Based Model with GA and Artificial Immune System	Shilpa H. Taklikar, R. P. Kulkarni	72908-136
An Overview of Methods for Web-Based Heavyweight Ontology Learning	Jiajun Zhang, Ming Zhao	72908-139
Migrating Applications to Clouds with BPM and TOGAF Framework	Jyhjong Lin	72908-142
Ignorance, Total Information, and Statistical Complexity for Diversity Assessment	Nam-Su Jung	72908-133
Monitoring Control Flow History to Detect Code Reuse Attacks	Soo-Young Kim, Gyungho Lee	72908-163
Image Smoothing by Pseudo-2D Savitzky-Golay Filter	Jeong-Hwan Kim, Gyeo-Wun Jeung, Kyeong-Seop Kim	72908-187
Activities of Security Engineering in System Development Life Cycle: Security Engineer's View	Young-Gab Kim	72908-190
A Robust Second Generation Multiresolution Analysis and SVD Based Video Watermarking with Composite QR Code	Meenakshi S. Arya, Mandeep Kaur	72908-193

Conference Room: A

Time: 19:00-21:00

Special Session: International Workshop on Emotion, Decision, and Creativity (IWEDC 2015)

Chair: Kun Chang Lee

How do Advertising Copies Affect Employee Creativity ? : Emphasis on Emotional and Rational Copies	Nam Yong Jo, Kun Chang Lee	72907-169
How do Leader's Emotional Display and Follower's Emotional Reactions Affect Follower's Creativity and Task Performance ? : ICT Industry Case in South Korea	Nam Yong Jo, Kun Chang Lee	72907-172
An Eye-Tracking Analysis of the Effects of Emotional and Rational Stimuli on Consumer's Cognitive Load and Need-for-Cognition	Min Hee Hahn, Kun Chang Lee, Seong Wook Chae	72907-175
Multi-Level Analysis Approach to Investigating the Effects of Self-Confidence, Need-for-Cognition, and the Degree of IT Support on Individual Creativity	Min Hee Hahn, Kun Chang Lee	72907-178
Exploring the Effects of Positive/Negative Group Affective Tone, and Leader's Network Structures on Team Creativity	Dae Sung Lee, Kun Chang Lee	72907-181
Emotion Regulation Strategy, Emotional Contagion and their Effects on Individual Creativity: ICT Company Case in South Korea	Dae Sung Lee, Kun Chang Lee	72907-184
How does Consumers' Emotion Affect Visual Attention Patterns in Online Shopping Environments? – Emphasis on Eye-Tracking Approach	Yoon Min Hwang, Kun Chang Lee	72907-187
An Eye-Tracking Approach to Investigating the Effects of Goal-Oriented Motivation and Recreational Motivation on Consumer's Online Behavior	Yoon Min Hwang, Kun Chang Lee	72907-190

Sunday 6th September 2015

Conference Room: A

Time: 09:00-09:45

Plenary Lecture 12:



Regularity and Critical Cones in Optimal Control

by Prof. Javier F Rosenblueth, National Autonomous University of Mexico, MEXICO.

Conference Room: B

Time: 09:00-09:45

Plenary Lecture 13:



Computer Guided Human Programming

by Prof. Eko Supriyanto, Universiti Teknologi, MALAYSIA.

Conference Room: C

Time: 09:00-09:45

Plenary Lecture 14:



Main Features of Regional Climate Change and Its Impact on Environment on Example of the Territory of Georgia

by Prof. Teimuraz Davitashvili, Tbilisi State University, GEORGIA.

Sunday 6th September 2015

Conference Room: A

Time: 09:45-10:30

Plenary Lecture 15:



Foreign Language Open Online Course (FLOOC): What? Why and How?

by Asst. Prof. Nurkhamimi Zainuddin, Universiti Sains Islam, MALAYSIA.

Conference Room: B

Time: 09:45-10:30

Plenary Lecture 16:



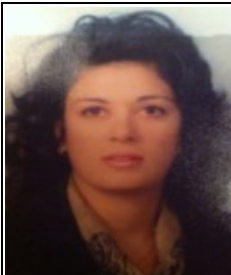
Mathematical Study of Some Models of the Atmosphere Dynamics Counting with Heat Transfer and Humidity

by Assoc. Prof. Andrei Giniatoulline, Los Andes University, COLOMBIA.

Conference Room: C

Time: 09:45-10:30

Plenary Lecture 17:



The Usage of Liver Extract Versus Growth Factors in the Differentiation of Mesenchymal Stem Cells into Hepatocyte Like Cells

by Prof. Shaden Muawia Hanafy, Sadat City University, EGYPT.

10:30-11:00: Coffee Break

Sunday 6th September 2015

Conference Room: A

Time: 11:00-13:00

GEO '15 & NAHA '15: Geology, Geography & Natural Hazards

Chair: Edi Cahyono, R. Marsuki Iswandi

Relationship of Physical Properties of Modified Traditional Brick with Reed as Filler to its Unconfined Compressive Strength	Kurniati Ornam, Masykur Kimsan, La Ode Ngkoimani, Edi Cahyono	72912-103
Geochemistry of Cenozoic Basaltic Rocks from Jiashan County, Anhui Province, China: Implications for Petrogenesis and Tectonic Setting	Yung-Tan Lee, Ren-Yi Huang, Hsiao-Ling Yu, Yung-Chang Yao	72912-100
Natural Hazard Control in Sustainable Mining Development	R. Marsuki Iswandi, La Ode Alwi	72902-103
Integrated Multi-Hazard Map Creation by Using AHP and GIS	Himmet Karaman	72902-100

Sunday 6th September 2015

Conference Room: B

Time: 11:00-13:00

WWAI '15: Waste Management, Water Pollution, Air Pollution & Indoor Climate

Chair: Constantin Buzatu, Rosula San Jose Reyes

Environmental Assessment of Generating Electrical Energy from Spent Activated Carbon	Maria Theresa Isla-Cabaraban	72903-115
Application of Modified Persimmon Tannin Gels in the Removal of Dyes from Aqueous Solution	L. O. Ahmad, D. A. Murguia Flores, H. Okumura, Y. Kaneki, M. Honda, M. Suda, K-K. Kunimoto	72903-118
The Case Study on Environmental Aspects Assessment of a Production Process	Adela-Eliza Dumitrascu, Constantin Buzatu	72903-112
Waste Water System	Jelenka Savkovic-Stevanovic, Jelena Djurovic	72903-109
The Use of Foot of the Green-Lipped Mussel Perna Viridis as an Alternative Method to Reduce the Gender Effect on the Bioaccumulation of Cu and Zn in the Mussel	Chee Kong Yap	72903-106
Development of a Portable Sensor-Based Indoor Air Quality Monitoring and Modeling System Using Artificial Intelligence Algorithm	Mary Anne Sy Roa, Rosula San Jose Reyes	72903-103
Importance of Palm Biodiesel as a Transportation Fuel in Malaysia	Obed M. Ali, Rizalman Mamat, Nik R. Abdullah, Abdul Adam Abdullah	72903-100

Sunday 6th September 2015

Conference Room: A

Time: 13:00-15:00

ETE '15: Engineering and Technology Education

Chair: Savitri Bevinakoppa, Hye Jean Koo

Improving the State of International Cooperative R&D in Korea	Hye Jean Koo	72910-100
International Students' Perception on the Benefits and Challenges of Engineering Education in Malaysia	Abdul Razak Mohd Sidek	72910-103
PLC Programming: The Tutorial Case of the Automatic Control System for Ship Fuel Circuit in Hellenic Naval Academy	V. D. Marinou, G. J. Tsekouras, P. Michalopoulos, N. E. Mastorakis	72910-106
Develop and Implement Problem Based Learning Exercise Exemplar for Post Graduate Units	Biplob Ray, Savitri Bevinakoppa, Fariza Sabrina	72910-109
Using Screen Capture for Teaching and Learning	George Fernandez, Belal Chowdhury, Savitri Bevinakoppa	72910-112
Modern Tools for Active Student Engagement: How Effective is Online Homework?	Ana Oprisan, Sorinel Oprisan	72910-115
Foreign Language Open Online Courses (FLOOC): A Pedagogical Design and Development Framework	Nurkhamimi Zainuddin, Rozhan M. Idrus	72910-121

Sunday 6th September 2015

Conference Room: B

Time: 13:00-15:00

EDEB '15: Environment and Biomedicine

Chair: Badea Lepadatescu, Ki Yeol Lee

Leadership Role and Evaluation in Creating Sustainable Organisations by Reducing Impact Envirometal	Stan Luciana Cristiana	72911-121
Parameterization on PV Cell Model by Single-Diode Electrical Equivalent Circuit Analysis	Hyeonah Park, Hyosung Kim, Frede Blaabjerg	72911-127
Economic Evaluation of Efficiency Enhancement Interventions in UAE Energy Value Chain	Majid Al Jasmi, Yousif Al Abd., Omar Saif, Ahmed Kiani, Steve Griffiths, Sameh El Khatib	72911-130
A Study on the Chemical Composition and Heat Treatment that Affects the Mechanical Properties in Fe-Mn-Si-C Transformation-Induced Plasticity Steel	Byung Young Moon, Yeong Cheol Cheon, Ki Yeol Lee	72911-133
A Study on the Performance Evaluation of the Hydraulic and Magnetic Clamp Crane to Transport the Curved Steel Plates for Shipbuilding, with Permanent Magnet Applied	Byung Young Moon, Yeong Cheol Cheon, Ki Yeol Lee	72911-136
A Study on the Welding Conditions that Affect Mechanical Properties of Al 5083 Non-Ferrous Alloy for Eco-Environmental Leisure Ships	Byung Young Moon, Seok Gyeong Jeong, Ki Yeol Lee	72911-139

Sunday 6th September 2015

Conference Room: C

Time: 13:00-15:00

ICACM '15: Computational Mathematics

Chair: Konstantin S. Kazakov, Andrei Giniatouline

On the Metric Geometric Properties of the Complex Symmetric Operators: Closure, Fixed Point Theorem and Normal Structure	Mona Nabiei	72904-106
Direct Numerical Study of Particle-Laden Channel Turbulent Flow	Jin Jia Wei, Zhenzhong Li	72904-109
Formulations of Mapped Multi-Wave Elastodynamical Quadrilateral Infinite Elements with Union Shape Functions	Konstantin S. Kazakov	72904-115
The Exploring of Kendari DHF Data for Screening Disease Risk Assessment: A Geographical Bayesian Modeling Approach	Mukhsar, Edi Cahyono, Rasas Raya	72904-136
High Frequency Microwave Sintering of Alumina Ceramics	I. Nyoman Sudiana, Seitaro Mitsudo, Shunsuke Inagaki, La Ode Ngkoimani, Haji Aripin, Edi Cahyono	72904-139
Regularity Assumptions for Second Order Conditions in Optimal Control	Javier F. Rosenblueth	72904-166
Interpolation of the Function via Orthogonal Matrices	Dariusz Jacek Jakóbczak	72904-100
Mathematical Study of Some Models of the Atmosphere Dynamics Counting with Heat Transfer and Humidity	Andrei Giniatouline	72904-142

15:00-15:30: Coffee Break

Sunday 6th September 2015

Conference Room: A

Time: 15:30-17:30

MMF '15: Finance & Medical

Chair: Somu G., Jae Eon Yu

Impact of Service Recovery on Word-of-Mouth and Behavioural Intentions	Sudeepta Pradhan	72907-100
Good Clinical Practices Towards Safe Blood Transfusion: Process Re-Engineering Approach	Somu G., Akash Anand Shrivastava, Dayananda M.	72907-103
Knowledge-Based Sustainable Decision-Making Framework for the Implementation of Innovative Technologies in the Malaysian Construction Industry	Rohana Mahbub	72907-106
Comparison of Emphasis on Service Remedies, Service Guarantees and Negative Messages from Word of Mouth for Public Enterprises and Private Companies	Wen-Bao Lin	72907-109
Understanding Spiritual Leadership in Organizational Contexts: the Case of Non-Profit Organization in Korea	Jae Eon Yu	72907-112
The Influences of Experiential, Cognitive and Marketing Factors on Brand Personality and Brand Equity	Pham Thi Minh Ly, Teresa L. Ju, Ying-Kai Liao, Wann-Yih Wu	72907-199

Conference Room: B

Time: 15:30-17:30

BIO '15: Biophysics and Bioengineering

Chair: Sorinel A. Oprisan, Eko Supriyanto

X-ray and IR Spectra Study of the Complex Albumin Human with UO22+	Aibassov Erkin, Yemelyanova Valentina, Shakieva Tatyana, Nakisbekov Narymzhan, Tussupbaev Nessipbay, Abenov Bakhyt, Bulenbayev Maxat, Dossuomova Binara, Blagikh Evgeniy	72906-124
Phase Space Reconstruction of Optogenetic Data	Sorinel A. Oprisan, Patrick E. Lynn	72906-127
Measurement of Intra-Abdominal Fat Thickness Using Ultrasound for Visceral Fat Estimation	Robby Hermawan, Irma H. Hikmat, Ristaniah D. Soetikno, Eko Supriyanto, Saravana Kumar Jaganathan	72906-130
Binaural Beat Entrainment Effect on Prefrontal and Parietal Brain EEG in Theta Frequency	Muhammad Wildan Gifari, Sheikh Mohamad Said, Jostinah Lam, Noraini Jalil, Eko Supriyanto	72906-133
Evaluation of Cardiac Markers Using Radar Chart	Tay Yii Cheng, Mochrosin, Muhammad Haikal Satria, Eko Supriyanto, Jasmy Yunus	72906-136
Biological Activity of Minimal Dose of Aerosolized Interferon- α in Male Albino Rats	Khalil A. El-Halfawy, Shaden M. Hanafy, Bahgat A. El-Fiky, Hassan M. Hassan	72906-139

Conference Room: C

Time: 15:30-17:30

CGB '15: Climate Changes & Global Warming

Chair: Teimuraz Davitashvili, M. A. Zainudini

Study on Climate Change Induced Precipitation Variability and its Impact on High Mountains of Nepal (A case study of - Kaligandaki River Basin, North of Nepal)	Lekha N. Bagale	72901-118
Propagation of High Power Perturbation in the Atmosphere over the Mountainous Territory	Teimuraz Davitashvili, Zurab Khvedelidze, Inga Samkharadze	72901-121
Environmentally Friendly Systems: Earth Heat Pump System with Vertical Pipes for Heat Extraction for Domestic Heating and Cooling	Abdeen Mustafa Omer	72901-124
Flash Flood Effects and Management, Data Analysis in Sistan and Balochestan Province from Sarbaz and Kajo Rivers Iran	M. A. Zainudini	72901-127
Promoting the Heating Market of Natural Gas with Innovative Applications	H. H. Kuno Georg Von Wedelstedt	72901-130
Do Cosmic Rays Regulate Global Temperature?	Lilia Biktash	72901-136
Cosmic Reason of Great Glaciation	A. Bagrov, A. Murtazov	72901-133

Sunday 6th September 2015

Conference Room: A

Time: 17:30-19:30

ACE '15: Simulation & Models at Computers

Chair: Hyontai Sug, Young Bag Moon

Solving SVM Problem Using ACOR and IACOMV	Hiba Basim Alwan, Ku Ruhana Ku-Mahamud	72908-130
An Efficient Database Structure to Store Sensor Data	Hyontai Sug, Kyeonghwan Cha	72908-184
Web Plug-in Gateway Design and Implementation	Young Bag Moon, Se Won Oh, Hyun Joong Kang, Sang Gi Hong, Sun Jin Kim, Hyo Chan Bang	72908-151
Smart Mirror Health Management Services Based on IoT Platform	Young Bag Moon, Se Won Oh, Hyun Joong Kang, Ho Sung Lee, Sun Jin Kim, Hyo Chan Bang	72908-154
Using of Specialized Library for Simulation of Coal Mining in Flat-Lying Coal Seam	Victor Okolnishnikov, Sergey Rudometov, Sergey Zhuravlev	72908-157
On High-Availability Distributed Control Plane for Software-Defined Networks	Vasily Pashkov, Ruslan Smeliansky	72908-160
Application of Decision Tree Analysis for Pediatric Foot Disorders	Jungkyu Choi, Hwa-In Kim, Yonggwon Won, Jung-Ja Kim	72908-199
Driver Status Monitoring Based on Neuromorphic Visual Processing	Dongwook Kim, Karam Hwang, Seungyoung Ahn, Ilsong Han	72908-202
Checking Synthetic Instances by Own for Better Classification in Decision Tree	Hyontai Sug	72908-181

20:00 Dinner

Monday 7th September 2015

Conference Room: A

Time: 09:00-09:45

Plenary Lecture 18:



Computational Intelligence Based Techniques in Power System Security Initiatives

by Prof. Ismail Bin Musirin, Universiti Teknologi Mara, MALAYSIA.

Conference Room: B

Time: 09:00-09:45

Plenary Lecture 19:



Use of Bone-Conducted Speech for Speech Enhancement

by Prof. Tetsuya Shimamura, Saitama University, JAPAN.

Conference Room: C

Time: 09:00-09:45

Plenary Lecture 20:



The Case Study on Environmental Aspects Assessment of a Production Process

by Prof. Constantin Buzatu, Transilvania University of Brasov, ROMANIA.

Monday 7th September 2015

Conference Room: A

Time: 09:45-10:30

Plenary Lecture 21:



Application of Electrokinetics in Remediation and Stabilization of Clays

by Prof. Dilek Turer, Hacettepe University, TURKEY.

Conference Room: B

Time: 09:45-10:30

Plenary Lecture 22:



Improvement of Spectrum Sensing Performance in Cognitive Radio Networks

by Prof. Vyacheslav Tuzlukov, Kyungpook National University, SOUTH KOREA.

Conference Room: B

Time: 09:45-10:30

Plenary Lecture 23:



On Two Nonlinear Partial Integro-Differential Models

by Prof. Temur Jangveladze, Georgian Technical University, GEORGIA.

10:30-11:00: Coffe Break

Monday 7th September 2015

Conference Room: A

Time: 11:00-13:00

ACE '15: Applications of Computer Engineering

Chair: Hyontai Sug, Yang-Keun Ahn

Elliptic Curve Cryptography Based Security Framework for Internet of Things and Cloud Computing	Daisy Premila Bai T., Albert Rabara S., Vimal Jerald M.	72908-127
Enhancing Project Performance through Integrated Risk Management	Hamed Taherdoost, Abolfazl Keshavarzsaleh	72908-169
GSM and GPS Based Mobile Vehicle Detecting System	Savitri Bevinakoppa, Muhammad Usman Younas, Vish Kallimani	72908-172
A Dynamic Educational Project Based on Ant Colony Optimization	Yassine Benjelloun Touimi, Nourrdine El Faddouli	72908-175
FeedMixer Web Application for Animal Feed Formulation	Wan Nurhayati Wan Ab. Rahman, Loke Mee Sie	72908-178
Secure Signcryption on Hyper Elliptic Curve with Sensor-Based Random Number	J. Premalatha, K.Sathya, Vani Rajasekar	72908-166

Conference Room: B

Time: 11:00-13:00

MMF '15: Strategies in Marketing

Chair: Edi Cahyono, Constantin Buzatu

Strategies for Improving the Markets of Primary Commodities in South Konawe Regency	Ambo Wonua Nusantara, Ernawati, Rostin, Edi Cahyono	72907-151
The Development of Cluster Industry and Product Innovation Based on Seaweeds in the Effort of Expanding and Piloting the Sea Shore Area in the Province of Southeast Sulawesi	Rostin, Ambo Wonua Nusantara, Sutikno, Muntu Abdullah, Samdin	72907-154
The Influences of Expeniential, Cognitive and Marketing Factors on Brand Personality and Brand Equity	Pham Thi Minh Ly, Teresa L. Ju, Ying-Kai Liao, Wann-Yih Wu	72907-157
The Influence of Entrepreneurial Orientation to Firm Performance	Ansir Sri Wiyati Mahrani, Edi Cahyono	72907-160
Analyzing Demographic Change in European Emerging Countries Based on a Case Study for Romania. Causes and Consequences in the Context of Globalization and Economic Integration	Ramona Birău, Mihai Antonescu	72907-163
Growth of Social Responsibility for Public Institutions. Proposal of Lex Ferenda of a New Normative Document to be Adopted at European Union Level	Cristian Romeo Poțincu, Laura Mureșan Poțincu, Vladimir Mărăscu-Klein	72907-193
From the Content of the Juridical Relation Between the Business Operator and the Consumer, to Corporate Social Responsibility, in Romania	Laura Mureșan Poțincu, Cristian Romeo Poțincu, Vladimir Mărăscu-Klein	72907-196

Monday 7th September 2015

Conference Room: C

Time: 11:00-13:00

ICACM '15: Applications of Mathematical Models

Chair: Ouarda Hachour, Vladimir Astafev

Equivalence Classes of Labeled Graphs	Beatrice Daniela Bucur	72904-145
Existence of Bounded Oscillatory Solutions to Second Order Forced Neutral Dynamic Equations with Time Delay on Time Scales	Jinjun Fan, Xiaodong Lu	72904-148
On Approximations by Integro-Differential Splines of Two Variables	I. G. Burova, S. V. Poluyanov, Iu. V. Shirokova	72904-151
Unsteady MHD Flow of an Incompressible Elastico-Viscous Fluid in a Tube of Spherical Cross Section with Angle of Inclination on a Porous Boundary	Sanjay Baburao Kulkarni	72904-154
Stiffness Detection to Select Adaptive Step Size for the Parareal Algorithm	Sunyoung Bu	72904-157
Mathematical Model of Wave Perturbations in the Solar Atmosphere near Resonance Frequencies	O. N. Savina	72904-160
Fuzzy Path Generation for Autonomous Mobile Robot Navigation	Ouarda Hachour	72904-163
Numerical Solution of Piston-Like Oil Displacement for Periodic Systems of Oil Fields Development	Vladimir Astafev, Andrey Kasatkin	72904-124

5/9/2015	Room A	Room B	Room C
09:00-09:45	KEYNOTE LECTURE Prof. Metin Demiralp	PLENARY LECTURE 1 Prof. Hyontai Sug	PLENARY LECTURE 2 Prof. Demetrios Kazakos
09:45-10:30	PLENARY LECTURE 3 Prof. Hong Hocheng	PLENARY LECTURE 4 Prof. Masatomo Yashima	PLENARY LECTURE 5 Prof. Savitri Bevinakoppa
10:30-11:00	Coffee Break		
11:00-11:45	PLENARY LECTURE 6 Prof. Ahmet Turer	PLENARY LECTURE 7 Prof. Kung Chang Lee	PLENARY LECTURE 8 Prof. Prof. I. S. Han
11:45-12:30	PLENARY LECTURE 9 Prof. Badea Lepadatescu	PLENARY LECTURE 10 Prof. Atsushi Fukasawa	PLENARY LECTURE 11 Prof. Edi Cahyono
12:30-14:30	ACE '15	BIO '15	ICACM '15
14:30-15:00	Coffee Break		
15:00-17:00	MMF '15	CGB '15	EDEB '15
17:00-19:00	EHAC '15	E- Activities '15	ACE '15
19:00-21:00	Special Session (IWEDC 2015)		

6/9/2015	Room A	Room B	Room C
09:00-09:45	PLENARY LECTURE 12 Prof. Javier F Rosenblueth	PLENARY LECTURE 13 Prof. Eko Supriyanto	PLENARY LECTURE 14 Prof. Teimuraz Davitashvili
09:45-10:30	PLENARY LECTURE 15 Prof. Nurkhamimi Zainuddin	PLENARY LECTURE 16 Prof. Andrei Giniatoulline	PLENARY LECTURE 17 Prof. Shaden Muawia Hanafy
10:30-11:00	Coffee Break		
11:00-13:00	GEO '15 & NAHA '15	WWAI '15	
13:00-15:00	ETE '15	EDEB '15	ICACM '15
15:00-15:30	Coffee Break		
15:30-17:30	MMF '15	BIO '15	CGB '15
17:30-19:30	ACE '15		
20:00	Dinner		

7/9/2015	Room A	Room B	Room C
09:00-09:45	PLENARY LECTURE 18 Prof. Ismail Bin Musirin	PLENARY LECTURE 19 Prof. Tetsuya Shimamura	PLENARY LECTURE 20 Prof. Constantin Buzatu
09:45-10:30	PLENARY LECTURE 21 Prof. Dilek Turer	PLENARY LECTURE 22 Prof. Vyacheslav Tuzlukov	PLENARY LECTURE 23 Prof. Temur Jangveladze
10:30-11:00	Coffee Break		
11:00-13:00	ACE '15	MMF '15	ICACM '15

**Seoul, South Korea
September 5-7, 2015**