

09:00 - 10:10 SESSION 1

HALL 1

Chairman: *Tarık Zaimoviç*

OP-216 **Importance of Technological Diffusion and the Turkish Case**
Bahar Şanlı Güllübahar, Elif Haykır Hobikoğlu

OP-217 **Time for Digital Detox: Misuse of Mobile Technology and Phubbing**
Naciye Güliz Uğur, Tuğba Koç

OP-218 **Bosnia and Herzegovina Telecommunication Sector Outlook**
Tarık Zaimovic, Azra Zaimovic, Arneta Mustafic

OP-219 **Exploring Benefits of a Web Based Testing and Training Tool**
Tuncay Bayrak, Bahadır Akcam

OP-220 **Yesterday, Today and Tomorrow of Big Data**
Hakan Özköse, Emin Sertaç Arı

OP-221 **Creating Online Storylines for Increasing the Knowledge Retention**
Bülent Döş

OP-222 **The Impact of Information and Communication Technologies on Company Performance: An Application on Manufacturing and Construction Sectors**
Halim Tatlı

09:00 - 10:10 SESSION 1

HALL 2

Chairman: *Boualem El Kechebour*

OP-239 **Vibration Control of a Column Using a Gyroscope**
Faruk Ünker, Olkan Çuvalcı

OP-240 **Seismic Motion Control of a Column Using a Gyroscope**
Faruk Ünker, Olkan Çuvalcı

OP-241 **Modelling of Assessment of the Green Space in the Urban Composition**
Boualem El Kechebour

OP-242 **Reactivity of Cementitious Additions on Properties of Micro Concrete**
Mohamed Nadjib Oudjit, Madiha Lanez, Abderrahim Bali

OP-243 **New Concept for Indoor Firefighting Robot**
Zeyad Alhusainan, Amjad Alsadoon, Abdulmuhsin Jarwali, Thamer Alhaza, Khalid Alsaif, Byoungsoo Kim

OP-244 **Nonlinear Motion Control of a Column Using a Coupled Gyroscope**
Faruk Ünker, Olkan Çuvalcı

OP-245 **Augmentable Multi-Vertebrate Modular Space Station Robot**
Serkan Kurt

09:00 - 10:10 SESSION 1

HALL 3

Chairman: *Kadir Tuna*

OP-273 **Factors Affecting Innovation in Nigerian Construction Industry**
Abiodun Olatunji Abisuga, Olugbenga O. Oyekanmi, Akinwumi A. Akinpelu

OP-274 **Innovative Design of an Axial Blood Pump for Extracorporeal Mechanical Circulatory Support**
Essam F Abo Serie, Elif Oran, Serdar Tunaboğlu, Bülent Oran

OP-275 **New Empirical Evidence: If Considerably Modified, Lean Management, can Substantially Increase Performance in Healthcare**
Laura Johanna Castren, Ilkka Sakari Kauranen

OP-276 **An Overview: Co-Combustion Characteristics of Coal and Oil Palm Biomass Blends Via Thermogravimetry Analysis**
Nurhafizah Binti Yaacob, Norazah Binti Abd. Rahman, Siti Shawalliah Binti Idris, Sharmeela Binti Matali

OP-277 **An Approach to Life Expectancy of a Product/Service for Sustainability of Supply Chain Management Systems**
Ayşenur Erdil, Ertuğrul Tacım

OP-278 **Quality Oriented Assessment for the Integration Structure of Manufacturing Steps in Textile Sector**
Ayşenur Erdil, Hikmet Erbiyik

09:00 - 10:10 SESSION 1

HALL 4

- Chairman:** *Abdul Hadi*
- OP-304** **Antibacterial Polymer Based Transparent Coating for Elimination of Staphylococcus Aureus**
Zainal Abidin Ali, Rosiyah Yahya, Rustam Puteh
- OP-305** **Polypyrrole and Thienyl End Capped Polysulfone Copolymers by Iron (III) Chloride**
Nilay Tanrıver, Nesrin Köken
- OP-306** **In Situ Polymerization of Sepiolite Modified Polysulfone**
Betül Hanbeyoğlu Yavaş, Nilay Tanrıver, Birgül Benli, Nilgün Kızılcan
- OP-307** **High Performance Randomly Segmented Poly (Urethane Siloxane) and Poly (Imide Siloxane) Copolymers**
Türkan Doğan, Nilgün Baydoğan, Nesrin Köken
- OP-308** **Weathering Effects on the Microstructure Morphology of Low Density Polyethylene**
Meriam Imane Babaghayou, Asma Abdelhafidi, Salem Fouad Chabira, Mohammed Sebaa
- OP-309** **Impact of Solar Radiation Effects on the Physicochemical Properties of Polyethylene (PE) Plastic Film**
Asma Asma Abdelhafidi, Meryam Imane Babaghayou, Salem Fouad Chabira, Mohammed Mohammed Sebaa
- OP-310** **Effect of Metal Oxides Loading on the Modification of Microstructure and Phase Transformation of Nanocrystalline CeZrO₂ Synthesized Using Water-in-Oil Microemulsion**
Abdul Hadi, Kamariah Noor Ismail, Muhd Nazri Abu Shah

09:00 - 10:10 SESSION 1

HALL 5

- Chairman:** *Fatma Gülay Kırbaşlar*
- OP-341** **An Innovative Approach in Virtual Laboratory Education: The Case of "IUVIRLAB" and Relationships Between Communication Skills with the Usage of IUVIRLAB**
Elif İnce, Fatma Gülay Kırbaşlar, Zeliha Özsoy Güneş, Yavuz Yaman, Özgü Yolcu, Ergun Yolcu
- OP-342** **The Effectiveness of the IUVIRLAB on Undergraduate Students' Understanding of Some Physics Concepts**
Elif İnce, Zeliha Özsoy Güneş, Yavuz Yaman, Fatma Gülay Kırbaşlar, Özgü Yolcu, Ergun Yolcu
- OP-343** **Utilization of Educational Technology to Enhance Teaching Practices: Case Study of Community College in Malaysia**
Mastura Azlim, Melor Amran, Mohd Ruhaizad Rusli
- OP-344** **Community College Students' Perception Towards Digital Learning In Malaysia**
Rafizah Binti Daud, Zarulrizam Bin Ab. Jalil, M.noor Fathoni Bin M.gunawan
- OP-345** **The Founding of Apple and the Reasons Behind its Success**
Ibrahim Atakan Kubilay
- OP-346** **Comparative Analysis of Real Time Replication Service Efficiency on Enterprise Level**
Florije Ismaili, Besir Aliti, Jaumin Ajdari, Bujar Raufi, Xhemal Zenuni

09:00 - 10:10 SESSION 1

HALL 6

- Chairman:** *Selva Staub*
- OP-374** **Micro-Electro-Mechanical System (MEMS)-Based Piezoelectric Energy Harvester for Ambient Vibrations**
Salem Saadon, Othman Sidek
- OP-375** **Optimal Control and Analysis of Three Phase Electronic Power Transformers**
Hakan Açıkgöz, Ökkeş Fatih Keçecioglu, Mustafa Şekkeli
- OP-376** **Investigation of TCSC Controller Effect on IDMT Directional Over-current Relay**
Lazhar Bougouffa, Abdelaziz Chaghi
- OP-377** **Comments on "Non-linear Piezoelectric Vibration Energy Harvesting from a Vertical Cantilever Beam with Tip Mass"**
Faruk Ünker, Olkan Çuvalcı
- OP-379** **Suspended Solid, Color, COD and Oil and Grease Removal from Biodiesel Wastewater by Coagulation and Flocculation Processes**
Zawawi Daud, Halizah Awang, Ab Aziz Abdul Latif, Nazlızan Nasir, Mohd Baharudin Ridzuan, Zulkifli Ahmad

09:00 - 10:10 SESSION 1

HALL 7

Chairman: *Turhan Koyuncu*

- OP-409 **Convective and Microwave Drying Characteristics of Sorbus Fruits (*Sorbus domestica* L.)**
Fuat Lule, Turhan Koyuncu
- OP-410 **Effect of Interaction Time on Immobilization Process of *Bambusa Heterostachya* as *Lactobacillus* Matrix**
Nur Hazirah R., Nurhaslina C. R., Ku Halim K. H.
- OP-411 **Effect of Radiation Heat on the Chemical and Physical Properties of Bread Enhanced with *Garcinia mangostana* Pericarp Powder**
Ummi Kalthum Ibrahim, Ruzitah Mohd Salleh, Siti Noor Suzila Maqsood Ul Haque, Syafiza Abd Hashib, Noorsuhana Mohd Yusof
- OP-412 **Effect of Slurry Concentration and Inlet Temperature Towards Glass Temperature of Spray Dried Pineapple Powder**
Syafiza Abd Hashib, Norazah Abd Rahman, Ummi Kalthum Ibrahim, Siti Noor Suzila Maqsood Ul Haque, Nur Ezzah Hanif
- OP-413 **Alterations in Value of Vitamin C and Chemical Composition of Frozen, Dried and Fresh Some Citrus Peels and Their Antioxidant Capacity**
İbrahim Halil Geçibesler, İbrahim Demirtaş
- OP-414 **Physicochemical Properties of Vegetable Oil-Based Polyols Rejuvenated Asphalt Binders**
Nader Nciri, Jeonghyun Kim, Suil Song, Namho Kim, Namjun Cho

09:00 - 10:10 SESSION 1

HALL 8

Chairman: *Elif Haykır Hobikoğlu*

- OP-444 **Improved Business Model Representation of Innovation Concepts**
Dante Jorge Dorantes Gonzalez, Hande Küçükaydın, Şirin Özlem, Gökçe Bulgan, Utkun Aydın, Semen Son Turan, Nazlı Karamollaoğlu, Frederico Fialho Frederico Fialho Teixeira
- OP-445 **European Regional Innovation Strategies (RIS): An Historical Investigation**
Maria Markatou, Panagiota Kourdoumpalou, Aggeliki Tsameti
- OP-446 **Geography and Innovation: An Analysis Based on Patent Records for the Total of European Regions**
Maria Markatou
- OP-447 **The Contribution of the Greek Academia in Innovation Production: A Patent- Based Perspective**
Maria Markatou, Antigoni Manoli
- OP-448 **How Does the Competitive Environment Affect the Rate of Innovation? A Case Study of Turkey**
Fatma Nur Karaman Kabadurmus
- OP-449 **Innovation Development Strategies in Naturalgas Sector**
Muzaffer Ertürk
- OP-450 **Work Related Emotions and Institutional Change: The Case of Environmental Innovation**
Magali Delmas, Sanja Pekovic
- OP-101 **The Process of International Opportunity Development: Entrepreneurial Behaviour of Turkish Firm in Romania**
Gözde Yılmaz, Anna Bengtson, Amjad Hadjikhani

09:00 - 10:10 SESSION 1

HALL 9

- Chairman:** *Çiğdem Börke Tunalı*
- OP-482** **How Sources of Information Influence the Novelty of Product and Process Innovations: Turkish Manufacturing Industry**
Berna Beyhan
- OP-483** **Design Management in Creating Competitive Advantage**
Metin Söylemez
- OP-484** **The Impact of Network Intelligence to the Success of Business Decisions**
Savo Stupar, Elvir Šahić
- OP-485** **The Effect of Product Innovation and Aesthetics on Brand Loyalty and Brand Trust: The Case of Technological Products**
Seda Demir
- OP-486** **Measurement of Human Capital for Information Technology Departments**
Kadir Alpaslan Demir
- OP-487** **Promoting Energy Efficiency Strategies in Turkey: The Case for Building Efficiency**
Ozge Kama, Zeynep Kaplan
- OP-488** **The Reflection of Culture on Entrepreneurship: An Analysis on Entrepreneurship Culture in Turkey**
Ebru Doğan

10:20 - 10:50 KEYNOTE SPEAKER

HALL 1

Prof. Dr. Jarko Fidrmuc

Zeppelin University

Institutions and Creative Destruction in Central and Eastern European Countries:
Determinants of Inefficient Use of Assets

10:50 - 11:20

COFFEE BREAK

11:20 - 12:30 SESSION 2

HALL 1

- Chairman:** *Muhittin Karabulut*
- OP-223** **Analyzing Information Technology Status and Network Readiness in Turkey in Context of Diffusion of Innovation Theory**
Çiğdem Aytekin, Alper Değerli, Başak Değerli
- OP-224** **Multidimensional Construct of Technology Orientation**
Duygu Seckin Halac
- OP-225** **The Increasing Importance of Mobile Marketing in the Light of the Improvement of Mobile Phones, Confronted Problems Encountered in Practice, Solution Offers and Expectations**
Burçak Boydak Öztas
- OP-226** **A Data Model to Support Context-Aware Mobile Cloud Collaboration Scenarios**
Manouchehr Zadahmad, Parisa Yousefzadehfard, Morteza Abbaszadeh
- OP-227** **An Application for Measuring Performance Quality of Schools by Using the PROMETHEE Multi-Criteria Decision Making Method**
Sedat Murat, Halim Kacan, Semih Coskun
- OP-228** **An Experimental Study on Relationship between Student Socio-Economic Profile, Financial Literacy, Student Satisfaction and Innovation within the Framework of TQM**
Seyma Caliskan Cavdar, Alev Dilek Aydin

11:20 - 12:30 SESSION 2

HALL 2

Chairman: *Abu Tuğba Karabulut*

- OP-246 **Personality and Gender as Predictors of Entrepreneurial Cognitive Adaptability**
Sami Ullah Bajwa
- OP-247 **Innovation and Creativity: Inspiring the Next Generation in the Ethekwin Municipality**
Anneline Chetty
- OP-248 **The Determinants of Innovation in Malaysian Food Processing Small and Medium Enterprises (SMEs)**
Suziyana Mat Dahan, Ahmad Nazif Noor Kamar, Rabiatal Syuhada Hasan, Nurhaizan Mohd Zainudin, Fadzida Ismail
- OP-249 **Entrepreneurial Capabilities of Sama College Students of Dezful Branch**
Hooshang Maktabi, Reza Sadeqi, Abdulmajid Mosleh
- OP-250 **Investigating the Relationship Between Emotional Intelligence and Entrepreneurship Development (A Case Study: Senior Students of Agriculture, Ilam Branch, Islamic Azad University)**
Mohammad Bagher Arayesh
- OP-251 **Entrepreneurship Approach and Incentives Given in Turkey, United States and Europe**
Faik Çelik, Ayfer Özmen

11:20 - 12:30 SESSION 2

HALL 3

Chairman: *Kadir Tuna*

- OP-279 **An Energy Efficient and Innovative Cryptographic Technique in Health Information System Using Ancient Indian Vedic Mathematics to Improve QoS**
Parthasarathy Velusamy, Hemalatha Subburathinaraj, Rajamani Vayanaperumal
- OP-280 **Virtual Reality Innovation for Using Automotive**
Sevecen Ünal, Zümrit Ecevit Sati
- OP-281 **Data-Driven Financial Management for SME Growth**
Sean Yu
- OP-142 **Eco-Innovation as Modern era Strategy of Companies in Developing Countries: Comparison Between Turkey and European Union**
Gürol Özçüre, Nimet Eryiğit

11:20 - 12:30 SESSION 2

HALL 4

Chairman: *Mabbub Hasan*

- OP-311 **Factors Affecting Lecturers Motivation in Using Online Teaching Tools**
Siti Nurul Mahfuzah Mohamad, Mohd Azran Mohd Salleh, Saizilah Salam
- OP-312 **The Development and Evaluation of Online Project Based Collaborative Learning**
Sharifah Nadiyah Razali, Faaizah Shahbodin
- OP-313 **MOOC-Rec: A Case Based Recommender System for MOOCs**
Fatiha Bousbahi, Henda Chorfi Ouertani
- OP-314 **Emerging Trends of Using Open Source Technology for Sustainable Teacher Training Programme in Bangladesh**
Mabbub Hasan, Shahadat Hossain Khan, Rakibul Hasan Sagor
- OP-315 **An Empirical Research on General Internet Usage Patterns of Undergraduate Students**
Müjgan Deniz, Seda Karakaş Geyik
- OP-316 **Postgraduate Digital Badges in Higher Education: Transforming Advanced Programs Using Innovative and Authentic Instruction and Assessment to Meet the Demands of a Global Marketplace**
David Anderson, Selva Staub

11:20 - 12:30 SESSION 2

HALL 5

Chairman: *Xhemal Zenun*

- OP-347 **A Modified Expectation of Maximization Method and its Application to Image Segmentation**
Lahouaoui Lalaoui, Tayeb Mohamadi, Abdelhak Djaalab
- OP-348 **Graph Representation of Relational Database for Concept Discovery**
Mahmut Iğde, Yusuf Kavurucu, Alev Mutlu
- OP-349 **State of the Art of Semantic Web for Healthcare**
Xhemal Zenuni, Bujar Raufi, Florije Ismaili, Jaumin Ajdari
- OP-350 **Methods and Techniques of Adaptive Web and Mobile Accessibility for Blind and Visually Impaired**
Bujar Raufi, Mexhid Ferati, Xhemal Zenuni, Jaumin Ajdari, Florije Ismaili
- OP-351 **Development of a Blood Bank Management System**
Sumazly Sulaiman, Abdul Aziz K Abdul Hamid, Nurul Ain Najihan Yusri
- OP-352 **Mobile Technology Applications in the Healthcare Industry for Disease Management and Wellness**
Güler Kalem, Çiğdem Turhan

11:20 - 12:30 SESSION 2

HALL 6

Chairman: *Zawawi Daud*

- OP-380 **Wireless Mobile Robot Control with Tablet Computer**
Gonca Erşahin, Herman Sedef
- OP-381 **Comparison of Different Performance Measures of Complex Product Systems in Technology Forecasting**
Gizem Intepe, Tufan V. Koç
- OP-382 **Radio Frequency Identification (RFID) Based Attendance & Assessment System with Wireless Database Records**
Sarmad Hameed, Syed Muhammad Taha Saquib, Moez Ul Hassan, Faraz Junejo
- OP-383 **Expert System on Selection of Mobility Management Strategies Towards Implementing Active Transport**
Bibie Sara Salleh, Riza Atiq O.k Rahmat, Amiruddin Ismail
- OP-384 **Geothermal Energy for Residential Power and Heat Co-Generation**
Mihaela Adela Coroiu
- OP-385 **Optimal Load Shedding Strategy for Selçuk University Power System with Distributed Generation**
Halil Çimen, Musa Aydın

11:20 - 12:30 SESSION 2

HALL 7

Chairman: *Mohamed Ahmet Aichouni*

- OP-415 **Evaluating Students' Need in Using Computer Aided Software in Landscape Design Course**
Siti Aimon Abdullah, Azhar Yaakub, Zali Wahil
- OP-416 **Improving a Communication Skill through the Learning Approach Towards the Environment of Engineering Classroom**
Halizah Awang, Zawawi Daud
- OP-417 **Creativity and Innovation among Gifted Saudi Students - An Empirical Study**
Mohamed Ahmed Aichouni, Rashed Mohammad Al Hamali, Noureddine Lakhdar Ait Messaoudene, Abdulaziz Ibrahim Al Ghonamy, Mabrouk Belkacem Touahmia, Abdulaziz Salem Al Ghamdi, Essam Abdulkadir Al Badawi
- OP-418 **Sustainable Quality Management in Libyan Higher Education: A Study in Process Innovation**
Mabrouk El Bahloul Khoja, Mark Lomen, Jill Fisher
- OP-419 **MOOCs in Malaysian Higher Education: Stakeholder Analysis via Triple Task Theory**
Nor Fadzeleen Sa Don, Rose Alinda Alias, Naoki Ohshima

11:20 - 12:30 SESSION 2

HALL 8

Chairman: *Binhan Elif Yılmaz Dinç*

OP-451 **Behavior of Aspect Ratio AIB2 Flakes on Al-B Alloys**
Necip Fazıl Yılmaz, Muhammed Paksoy

OP-452 **Renewable Routes to Zeolite Synthesis and Their Modification**
Kafia Mawlood Shareef, Hemin Abdulqader Smail, Zainab Husen Ramily

OP-453 **Experimentation on Early Introduction of a Hands-on Component Into Mechanical Engineering Education: Tinkerers' Laboratory (T-Lab)**
Cetin Cetinkaya

OP-454 **Main Role of Technology in Our Life**
Yağut Mehdiyeva, Toğrul Nezirli

OP-455 **Thermodynamics Analysis of a New Cylinder Offset Gasoline Engine**
Essam F Abo Serie, Nurgul Polat, Hasan Ozdamar

11:20 - 12:30 SESSION 2

HALL 9

Chairman: *Çiğdem Börke Tunalı*

OP-489 **Evaluation of the Maintenance Practices in Mechanized Agriculture – SADC Region**
Patrick Francis Kapila, Brenda Mosatiwa Mongwai

OP-490 **A Novel Portable Water Treatment Plant with Trio Effects Working Mechanism**
Hayder Alkhfaji Abdulbari, Edward Oluwasoga Akindoyo, Bamidele Victor Ayodele, John Olabode Akindoyo

OP-491 **Economic Evaluation of Different Techniques for Palm Oil Mill Effluent treatment: A Case Study of Malaysia**
Edward Oluwasoga Akindoyo, Hayder A Abdulbari, Bamidele Victor Ayodele

OP-492 **Structural Improvement of Train Rail with Different Heat Treatment Process**
Fatih Hayati Çakır, Osman Nuri Çelik

OP-493 **The Potential of Reliability Centered Maintenance to Improve the Performance of Large Plants**
Adell Saleh Amer, Omar Ali Shaneb

OP-494 **Methanol Based Extraction of Antipyretic Properties from Aquilaria Subintegra Spp. Dried Leaves**
Habsah Alwi, Ku Halim Ku Hamid, Wan Azfazanitul Iznor Anjuma

12:30 - 13:40

LUNCH

13:40 - 14:50 PANEL 1

HALL 1

UNIVERSITY INDUSTRY COLLABORATION

Chairman: *Sefer Şener*

Dr. Ahmet Albayrak
Vice General Manager



Erdal Erdem
Deputy General Manager: Artisans and SME Banking



Hüseyin Eğilmezgil
General Manager



Halil Tokel
General Manager Advisor



Necmettin Kaymaz
Chief Project Director



13:40 - 14:50 SESSION 3

HALL 2

Chairman: *Mohammad Bagher Ara Yesh*

OP-252 Sources of Financing and R&D Investments in High Technology New Ventures
İşıl Yavuz

OP-253 "The Interdependency of Global Financial Markets and the Heightened Systemic Risk"
Kazım Dağhan Gökçe, Bora Tamer Yılmaz

OP-254 Do Muslim Countries Have Higher Islamic Banks Competitiveness? Analysis of Islamic Banks in Indonesia
Tastaftiyan Risfandy, Putri Permatasari Husa, Andi Asriharsari

OP-255 The Relation between Usage of Credit Card and E-Trade in Terms of Electronic Payments Systems: Case of Turkey
Elif Haykır Hobikoğlu

OP-256 Does Financial Innovation Lead up to the Crises ? Samples of the Major Financial Crises
Cansu Şarkaya İçellioglu

OP-257 Investigating the Effects of Psychological and Socio-Cultural Factors on the Tendency of Villagers to Use E-Banking Services (Case Study: Agricultural Bank Branches in Ilam)
Mohammad Bagher Arayesh

13:40 - 14:50 SESSION 3

HALL 3

Chairman: *Mehmet Onur Gülbahar*

OP-282 Innovations, Economic Growth and Intellectual Property Rights in China
Farrukh Nawaz Kayani

OP-283 Entrepreneurship and Economic Performance: A Macro Perspective Abstract
Seyhun Doğan, Ayhan Aytac

OP-284 R&D Defense Expenditures and Economic Growth in High Income OECD Countries
Serdar Kurt

OP-285 Troubled Economic Transition and Entrepreneurship Development in Bosnia and Herzegovina
Aida Zaimovic

OP-286 An Empirical Analyse Relationship Between the Research and Development Innovation and Economic Growth: 1990-2012
Zeynep Köse

OP-287 Collaborative Orientation as an Essential Dimension of Entrepreneurial Orientation in Agribusiness: Evidence from Albania
Alba Kruja, Arben Vercuni

13:40 - 14:50 SESSION 3

HALL 4

Chairman: *Emre Varel*

OP-317 Extraction of Modeling Parameters for Low-Loss Alternative Plasmonic Materials
Rakibul Hasan Sagor, Ghulam Saber, Kh. Arif Shahriar, Ruhul Amin

OP-318 The Impact of Thermal Annealing to the Efficiency and Stability of Organic Solar Cells Based on PCDTBT:PC₇₁BM
Shahino Mah Abdullah, Zubair Ahmad, Khaulah Sulaiman

OP-319 Using Kraft Black Liquor as Wood Preservative
Sefa Durmaz, Emir Erisir, Umit Cafer Yildiz, Caglar Orcun Kurtulus

OP-320 Desalination of Produced Water Using Bentonite as Pre-Treatment and Membrane Separation as Main Treatment
Munawar Zaman Shahrudin, Nur Hidayati Othman, Nur Hashimah Alias, Siti Noorfatin Adila Ghani

OP-321 Effects of Ammonium Nitrate on Physico-mechanical Properties and Formaldehyde Emissions of Particleboard
Ugur Aras, Hülya Kalaycioglu, Hüsnü Yel, Gizem Bitek

OP-125 In Situ Preparation of Resol/ Sepiolite Nanocomposites
Ümran Burcu Alkan, Nilgün Kızılcın

13:40 - 14:50 SESSION 3

HALL 5

Chairman: *Arzu İmren*

- OP-353 **The Evolution and Economic Influences of Online Banking as an Innovative Distribution Channel: The Case of Turkey**
Bahar Şanlı Güllübahar, Elif Haykır Hobikoğlu
- OP-354 **Financial Innovation – Crowdfunding: Friend or Foe?**
Semen Son Turan
- OP-355 **Interaction Between Internet Banking and Bank Performance in Developed Countries and Emerging Economies: The Case of Europe**
K. Batu Tunay, Necla Tunay, İlyas Akhisar
- OP-356 **The Effects of Innovations on Bank Performance: The Case of Electronic Banking Services**
İlyas Akhisar, Necla Tunay, K. Batu Tunay
- OP-357 **Transformation of Consumption Perceptions: A Survey on Innovative Trends in Banking**
Alper Değerli, Nermin Ceren Türkmən
- OP-358 **Bank and Insurance of Garbage Become New Land Investment**
Fauzi Sani, Faiz Ahadina, Dimas Kalimasyada
- OP-359 **New Products in the Islamic Finance Industry: An Overview of The World And Turkey**
Bahattin Erden, Ömer Faruk Aslan

13:40 - 14:50 SESSION 3

HALL 6

Chairman: *İsmail Ekmekçi*

- OP-386 **Comparison of Edge Detection Algorithms for Texture Analysis**
Bayram Akdemir, Şaban Öztürk
- OP-387 **Amino Acid and Fatty Acid Profile of the Mare's Milk Produced on Suusamyrt Pastures of the Kyrgyz Republic During Lactation Period**
Aichurok Tashmatovna Mazhitova, Asylbek Atamyrzaevich Kulmyrzaev
- OP-388 **Triz Methodology and an Application Example for Product Development**
İsmail Ekmekci, Mustafa Koksall
- OP-389 **Corrosion Behaviour of Eutectic Molten Salt solution on Stainless Steel 316L**
Fuzieah Subari, Hafizul Faiz Maksom, Aiman Zawawi
- OP-390 **Biosorption of Mn(II) ions from Aqueous Solution by *Pleurotus* Spent Mushroom Compost in a Fixed-Bed Column**
Ain Nihla Kamarudzan, Tay Chia Chay, Amnorzahirah Amir, Suhaimi Abdul Talib
- OP-391 **Measure of the Chloride Permeability of the Pozzolana Concrete in Sulphate Middle**
Ahcene Merida, Fattoum Kharchi, Rabah Chaid

13:40 - 14:50 SESSION 3

HALL 7

Chairman: *Çiğdem Börke Tunalı*

- OP-420 **A Maritime Research Concept Through Establishing Ship Fleet Operational Problem Solution Centre Via Information Technologies Integrated with OR/MS**
Omer Soner, Emre Akyuz, Metin Celik
- OP-421 **Ground Granulated Blast Furnace Slag (GGBS) Based Concrete Exposed to Artificial Marine Environment and Sustainable Retrofitting Using Glass Fiber Reinforced Polymer (GFRP) Sheets**
Souvik Das, Gaurav Singh, Abdulaziz Abdullahi Ahmed, Showmen Saha, Somnath Karmakar
- OP-422 **Developing Innovative Applications of Technical Drawing Course at the Maritime Training**
Murat Yapıcı
- OP-423 **Six Sigma Implementations in Supply Chain**
Hikmet Erbyık, Muhsine Saru
- OP-424 **A Scenario-Based Usability Test Approach for Improving Depersonalized Online Job Application Procedure**
Başar Öztayşı, Ahmet K. Süerdem
- OP-425 **Energy, Innovations and Economic Development**
Bilal Nawaz Kayani

13:40 - 14:50 SESSION 3

HALL 8

- Chairman:** *Elif Haykır Hobikoğlu*
- OP-456** **E-Commerce Service Quality and Loyalty in Malaysia Hotel Industries**
Mutia Sobihah Abd Halim, Mahadzirah Mohamad, Nor Azman Mat Ali @ Salim, Wan Zulqurnain Wan Ismail
- OP-457** **Mediating Role of Team Perception and Self Organization in the Effect of Organizational Creativity on Team Performance**
Nimet Eryiğit, Tuna Uslu
- OP-458** **Uncertainty Amidst Change; Impact of Privatization on Employment Opportunities In Pakistan**
Ahmed Muneeb Mehta
- OP-459** **Job Complexity vs Job Elimination**
Ahmet Enes Güneş, Enes Eryarsoy, Emrullah Uludağ
- OP-460** **Reverse Mentoring Application to Develop Potential of Human Resource**
Mehtap Aracı
- OP-461** **The Role of University in Industrial Cluster Emergence: The Case of Jewelry Cluster in Sa Kaeo Province, Thailand**
Weeranan Kamnungwut, Porngrarm Virutamasen, Kageeporn Wongpreedee
- OP-462** **The Validity and Reliability of the Turkish Version of the Work Volition Scale**
Aydin Söylemez, Ahmet Akın, Basri Özçelik, Ümran Akın, Ali Seçgin

13:40 - 14:50 SESSION 3

HALL 9

- Chairman:** *Gürol Özçüre*
- OP-495** **Investigating a Three Dimensional Complex of Polymers-Surfactant-Nanoparticle Additives as Drag Reducers in a Rotating Disk Apparatus (RDA)**
Edward Oluwasoga Akindoyo, Hayder A. Abdulbari, Zainab S. Yousif, Emsalem A. Faraj
- OP-496** **Life Cycle Assessment of Bioenergy System from Napier grass: Case Study of Small-Scale Farm**
Papapin Bangprasit, Parnuwat Usapein, Orathai Chavalparit
- OP-497** **Enhancement of Biogas Production from Acacia Hybrid Leave Using Alkaline Pretreatment**
Pattawan Chaiyapong, Orathai Chavalparit
- OP-498** **Optimization of Alkaline Thermo-Chemical Pretreatment for Enhancing Biogas Production of Acacia leaves by Response Surface Methodology**
Kornkanok Dulyapach, Orathai Chavalparit
- OP-499** **Biogas Production from Effects of Harvest Napier Grass (Pak Chong 1) (Pennisetum Purpureum × Pennisetum Americanum)**
Mayuree Chanpla
- OP-500** **An Exploration of Green Consumption Consciousness and Behaviour of Families from the Perspective of Sustainable Consumption: A Case Study of Muğla City**
Gülşay Hız, Kübra Karaosmanoğlu, Tahir Benli

14:50 - 16:00 PANEL 2

HALL 1

UNIVERSITY INDUSTRY COLLABORATION

Chairman: *Sedat Murat*



Mehmet Akif Demirtaş
Strategic Planning and Management Systems Manager



Mutlu Sezen
Product Development Director



14:50 - 16:00 SESSION 4 HALL 2

- Chairman:** *Ünal Çağlar*
- OP-258** **Microfinance and Poverty Reduction: A Review and Synthesis of Empirical Evidence**
Kamel Bel Hadj Miled
- OP-259** **Socio-Cultural Dimension of Innovation**
Husnu Tekin, Omer Faruk Tekdoğan
- OP-260** **The Impact of Microfinance on Poverty Reduction: Empirical Evidence from Malaysian Perspective**
Nurul Izwa Rashid
- OP-261** **The Influence of the Multi-Stakeholder Governance in the Performance of Cooperative Banks: Evidence of European Cooperative Banks**
Maroua Bouker

14:50 - 16:00 SESSION 4 HALL 3

- Chairman:** *Selva Staub*
- OP-288** **The Validity and Reliability of Handball Game Module Based on Teaching Games for Understanding (TGfU) Method for Future Physical Education Teachers**
Rozairreen Muszali, Mohd Izwan Shahril, Norkhalid Salimin
- OP-289** **Enhancing Learning Through Technology**
Hanane Sarnou
- OP-290** **A Test Model Proposal Based on Evidence for Turkish and Socio-Cognitive Approach in Studies on Validity of Language Skill Tests**
Kadir Yoğurtçu
- OP-291** **The Impact of Entrepreneurial Competencies on Pre-Service Teachers' Innovative Behavior**
Mohd Asri Ispal
- OP-292** **Moving Learning Out of Class Through Web 2.0**
Mustafa Aksar

14:50 - 16:00 SESSION 4 HALL 4

- Chairman:** *Boukortt Abdelkader*
- OP-322** **The Effect of Tilted Magnetic Field on Graphene Cones**
Defne Akay
- OP-323** **The Characterization of the Irradiated ZrO₂ Transparent Thin Films**
Defne Abaylı, Nilgün Baydoğan
- OP-324** **Copolymerization of Pyrrole and Thienyl End Capped Cyclohexanone Formaldehyde Resin with Ce (IV) Oxidic Dibenzoate**
Yagmur Tatar, Esin Ateş Güvel, Nilgün Kızılcın
- OP-325** **Copolymerization of Pyrrole and Thienyl End Capped Poly (dimethylsiloxane) by Iron (III) Chloride**
Duygu Gençoğlu, Esin Ateş Güvel, Görkem Ülkü, Nesrin Köken, Nilgün Kızılcın
- OP-326** **Development of Injection Moulding Process of Cobalt Based Alloy Powder for Potential Orthopedic Applications**
Mohd Afian Omar, Rosliza Sayuti, Noorsyakirah Abdullah, Nurazilah Mohd Zainon, Fauzi Ismail, Mohd Yusuf Baharuddin
- OP-327** **Electronic and Magnetic Properties of Mn-Doped MgO**
Boukortt Abdelkader

14:50 - 16:00 SESSION 4

HALL 5

Chairman: *Ercan Saridoğan*

- OP-360 **The Effect of Lime Stone Powder on Collapsibility and Shear Strength on Gypsiferous Soil**
Nadhmia Najmaddin Majeed, Talar Othman Rashid
- OP-361 **Modern Civilization Regions of The World**
Yaqut Mehdiyeva, Toğrul Nezirli, Zerife Nezirli
- OP-362 **Low Electromagnetic Field Effects on Brain Tissues in Rats**
Yanti Rosli, Yap Hui Chin, Asmah Hamid, Farah Wahida Ibrahim

14:50 - 16:00 SESSION 4

HALL 6

Chairman: *Arzu İmren*

- OP-392 **New Developments of Neutron Activation Analysis Applications**
Olga Shulyakova, Petr Avtonomov, Valeria Kornienko
- OP-393 **Determination of 4'-Hydroxyacetanilide in Leaves Extract of *Aquilaria Malaccensis* by High Pressure Liquid Chromatography (HPLC)**
Siti Khairun Nissa Afif, Habsah Alwi, Ku Halim Ku Hamid
- OP-394 **Drying Kinetics of *Nephelium Lappaceum* (Rambutan) in a Drying Oven**
Syarifah Nor Faizah Syed Abdul Rahman, Norazah Abd Rahman, Radziah Wahid
- OP-395 **Selection Strategy Via Analytic Hierarchy Process: An Application for a Small Enterprise in Milk Sector**
Ayşenur Erdil, Hikmet Erbyık
- OP-396 **Study of Interactions Mixtures (Biodegradable Polymer / Active Ingredient) Obtained by Different Methods of Preparation**
Damir Rebiha, Baitich Milad
- OP-397 **Chemical Compositions of Essential Oil and Variations in Antioxidant Constituents and Properties in Different Organs of *Stachys byzantina* Grown in Turkey**
İbrahim Halil Geçibesler, İbrahim Demirtaş

14:50 - 16:00 SESSION 4

HALL 7

Chairman: *Sefer Şener*

- OP-426 **What it Means to be a New Classical Economist**
Özlen Hiç Birol
- OP-427 **Bayesian Expectations and Strategic Complementarity: Implications for Macroeconomic Stability**
Volkan Hacıoğlu
- OP-428 **Determination of the Regional Impact on Innovation with an Ordinal Logit and a Multilevel Analysis**
Mouna Khiari, Jeleddine Ben Rejeb
- OP-429 **The Analysis for the Validity of Compensation and Efficiency Hypotheses in Turkey Between 1975-2013**
Seda Bayraktar, Sefer Şener, Volkan Hacıoğlu
- OP-430 **In Innovative Entertainment Economy Framework, Economic Impacts of Culture Industries: Turkey and Hollywood Samples**
Elif Hayk Hobikoğlu, Mustafa Çetinkaya
- OP-431 **Adam Smith: The Inspirer of Modern Growth Theories**
Ayhan Ucak

14:50 - 16:00 SESSION 4

HALL 8

Chairman: *Halim Kazan*

OP-463 **Pedagogical and Psychological Implications in Teaching ESP**
Melouka Ziani

OP-464 **Science Diplomacy Network for Turkey: An Integrated Approach for International STI Cooperation**
Zafer Uygun

OP-465 **The Efficacy of Technology Development Zones Creating of University Spin-off Companies: The Case of Turkey**
Adem Kalça, Yeşim Dindaroğlu, Belkas Bal

OP-466 **Science-Technology Innovation Policies in Algeria: An Assessment**
Abdelkader Nouibat

OP-467 **Which Strategies are Most Effective For Kindergarten English Language Learners?**
Rahime Filiz Kiremit

OP-468 **His Presentation was The Justice Service Innovation Process (Innovation and the law)**
Mehmet Ali Akkaya

OP-469 **Designing Public Policies to Support the Innovation Capacity of SMEs: A Theoretical Model Based on Innovation Profiles**
Gülesin Sena Daş, Murat Yülek

14:50 - 16:00 SESSION 4

HALL 9

Chairman: *Kadir Tuna*

OP-501 **Numerical Analysis and Prediction of the Drag Reduction Efficacy of Microbubble Aided Rigid and Flexible Polymer Solutions in Turbulent Pipe Flow**
Edward Oluwasoga Akindoyo, Hayder A. Abdulbari, Zainab S. Yousif

OP-503 **New Design of an Active Laser Vision Based Control System for Intelligent Robotic Welding System**
Jawad Muhammad, Essam Abo Serie, Halis Altun, Ayhan Diindar

OP-504 **Current Status of Skilled Clinical Engineer in Developing Countries**
Anwar Hossain, Mohd Abdur Rashid, Rafiqul Islam, Mohiuddin Ahmad

OP-505 **Electrochemical Regeneration of Chloride Contaminated NaY Zeolite Wastes from Petroleum Refinery**
Kavidsara Homchuen, Orathai Chavalparit, Rewadee Anuwattana

16:00 - 16:30

COFFEE BREAK

16:30 - 17:40 SESSION 5

HALL 1

Chairman: *Kamel Bel Hadj Miled*

OP-229 **DBMS as a Cloud Service: Advantages and Disadvantages**
Ylber Januzaj, Jaumin Ajdari

OP-230 **The Effect of Variations in Micro-Components of Domestic Water Consumption Data on the Classification of Excessive Water Usage**
Nor Salyana Mohd Salleh, Khairul A Rasmani, Nur Izzah Jamil

OP-231 **Systematic Review for Network Survivability Analysis in MANETS**
Azni Haslizan Ab Halim, Rabiah Rabiah Ahmad, Zul Azri Mohamad Noh, Farida Hazwani Mohamad Ridzuan, Najwa Hayaati Mohd Alwi

OP-232 **Organisation Readiness Factors Towards IPv6 Migration: Expert Review**
Aspalilla Main, Nurul Azma Zakaria, Robiah Yusof

OP-233 **Creating Scenarios and Using for Smart Systems Generated with Wireless Sensor Networks**
Murat Dener, Yunus Özkök, Cevat Bostancıoğlu

16:30 - 17:40 SESSION 5

HALL 2

- Chairman:** *Tolga Ensari*
- OP-262** **Computer-Based Human Reliability Analysis Onboard Ships**
Emre Akyuz, Metin Celik, Erdem Bilgili
- OP-263** **Security Type Comparision in Service Oriented Architecture Security**
Mirsat Yeşiltepe, Ömer Özgür Bozkurt
- OP-264** **Hadoop Ecosystem and its Analysis on Tweets**
Can Uzunkaya, Tolga Ensari, Yusuf Kavurucu
- OP-265** **Privacy Preserving Secure Online Advertising**
İsa Ölmez, Erinc İnci, Serkan Küçükbay, Mustafa Öger, Fatih Emekçi
- OP-266** **Fire Detection Systems in Wireless Sensor Networks**
Murat Dener, Yunus Özkök, Cevat Bostancıoğlu
- OP-267** **Fuzzy Logic and Dempster-Shafer Theory to Detect the Risk of Disease Spreading of African Trypanosomiasis**
Andino Maselena

16:30 - 17:40 SESSION 5

HALL 3

- Chairman:** *Anıl Değermen Erenkol*
- OP-293** **Emotional Intelligence Analysis for Managers of Firms and Effects of Firms' Characteristics on EI: Adana Organized Industrial Zone Example**
Betül Taştan Miman, Mehmet Miman, Hakkı Can Korkmaz
- OP-294** **The Change of Leadership Attitude**
Rahime Edibali
- OP-295** **The Impact of Socio - Cultural Factors on Female Entrepreneurial Intention: The Case of Algeria**
Nesrine Bouguerra
- OP-296** **Mediator Role of Organizational Innovation in the Relationship between Strategic Human Resource Practices and Intrapreneurship**
Ece Konaklıoğlu, Ayşe Atar
- OP-298** **A Research to Examine Linking with the Impact of Entrepreneurship Training Over Entrepreneurship Tendency**
Haluk Tanrıverdi, Gül Nazik Bayram

16:30 - 17:40 SESSION 5

HALL 4

- Chairman:** *Siti Shawalliah İdris*
- OP-328** **Recycling of Waste Rubber in Roller Compacted Concrete**
Meddah Abdelaziz, Beddar Miloud, Bali Abderrahim
- OP-329** **Investigation of Residual Stress in Brake Pads**
Fatih Uzun, Ali Nezihi Bilge
- OP-330** **Experimental Study on the Effect of Lime-Powder Addition on Performance of Algerian Swelling Soils**
Meddah Abdelaziz, Hamdane Ali, Gacem Mohamed El Habib
- OP-332** **Technical Decision Making for Governments in Developing Countries: The Need for an Industrial Engineering Approach**
Ayyaz Ahmad
- OP-333** **Solid Fuel Derived from Microwave Irradiation Pyrolysis of Empty Fruit Bunch for Co-Combustion with Coal**
Siti Shawalliah Idris, Norazah Abd Rahman, Khudzir Ismail

16:30 - 17:40 SESSION 5

HALL 5

Chairman: *Bünyamin Bacak*

- OP-363 **The Validity and Reliability of the Turkish Version of the Workplace Forgiveness Scale**
Aydn Söylemez, Ahmet Akin, Basri Özçelik, Ümran Akin, Salih Serdar Börklü
- OP-364 **Institutional Structure and Regulation of Nanotechnology in Turkey: Does Governance Viable Option**
Hikmet Kırık, İlhami Alkan Olsson, Johanna Alkan Olsson
- OP-365 **Social Media: Facebook and Twitter as a Marketing Tool**
Pınar Yıldırım, Ülkü Demirel
- OP-366 **Social Marketing: Roles of Trust, Consumer Knowledge and Perceived Needs**
Adilla Anggraeni, Sofjan Assauri, Sari Wahyuni, Bambang Wiharto
- OP-367 **Attitudes of Academic Staff Towards Innovation and Entrepreneurship: Toros University Example**
Mehmet Miman, Okan Özkale, Betül Taştan Miman, Esra Karga
- OP-368 **Factors Affecting the Recreation Activities of Students of Halic University**
Ali Erdoğan, Hacer Canatan

16:30 - 17:40 SESSION 5

HALL 6

Chairman: *Ali Akdemir*

- OP-398 **The Multi-Faceted Consequences Carried by Turkey's Participation to the European Union's Framework Programmes for Research and Technological Development**
Armağan Gözkaman
- OP-399 **The Impact of Virtual Chemistry Laboratory Instruction on Pre-Service Science Teachers' Inquiry Skills**
Ayfer Mutlu, Burçin Acar Şeşen
- OP-400 **Modelling University-Industry-Government Interactions in Kazakhstan**
Yelena V Smirnova
- OP-401 **The Use of New Media in Crisis Communication: A Case Study of Gallon Bottled Water Crisis in Turkey**
Elif Eşiyok Sönmez
- OP-402 **Investigation of Teachers' Individual Innovativeness Levels and Lifelong Learning Competencies**
Eylem Yalçın İncik
- OP-403 **Impact of Technological Change on Bulgarian Foreign Trade with Neighboring Countries after EU Accession**
Irena Nikolova

16:30 - 17:40 SESSION 5

HALL 7

Chairman: *Cüneyt Dirican*

- OP-432 **The Validity of Wagner Law on Turkish Economy: An Ampirical Analysis**
Seda Bayrakdar, Selim Demez, Mustafa Yapar
- OP-433 **An Empirical Analysis About Technological Development and Innovation Indicators**
Seyma Çalışkan Cavdar, Alev Dilek Aydın
- OP-434 **The Role of an Intermediary Agent in Technology Integration Within Developing Countries: A Film Industry Perspective**
Khaleel Malik, Muhammad Shajjad Ahsan
- OP-435 **The Impacts of Robotics, Artificial Intelligence on Business and Economics**
Cüneyt Dirican
- OP-436 **Technological Development and Economic Development**
Hülya Kesici Çalışkan
- OP-437 **Comparison of the Public Aids Between 1986 and 2014**
Ayhan Gençler, Idil Yıldırım

16:30 - 17:40 SESSION 5

HALL 8

Chairman: *Gürol Özcüre*

OP-470 Hybrid Based Collaborative Filtering with Temporal Dynamics
Cigdem Bakir

OP-471 A Framework for Integrated Health Care Services in Postnatal Care Via MyPostnatalSys - an Integration of Western and Traditional Malay Medicine
Raja Rina Raja Ikram, Mohd Khanapi Abd Ghani

OP-472 Temperature Forecasting Based on Radial Basis Function Neural Networks
Afrak Ramadan Shaaib

OP-473 Support Vector Clustering for High Precision Classification: Application on Fingerprints Clustering
Djeffal Abdelhamid, Souissi Mohamed Mounir, Chellouai Abdelhey

OP-474 Web Mapping to Locate the Risk of Disease Spreading of the Disease
Andino Maselena

OP-475 Proposed Smart Traffic Control Signal in Brunei Darussalam
Andino Maselena

16:30 - 17:40 SESSION 5

HALL 9

Chairman: *Emre Veral*

OP-506 The Transport of Radical Species to Single and Double Strand Breaks in The Liver's DNA Molecule by a Hybrid Method of Type Monte Carlo-Diffusion Equation
Houcine Oudira, Ahmed Saifi

OP-507 Nondestructive Measurement of Hardness In Welded Carbon Steels Using Ultrasonic Wave Velocity
Fatih Uzun, Ali Nezihi Bilge

OP-508 A Wide and Flat-Gain of an Amplifier by Using Zirconia-Based Erbium-Doped Fiber (Zr-EDF) for Single Pass Operation
Arni Munira Markom, Arni Munira Markom, Sulaiman Wadi Harun

OP-509 Characterization of Solid Char Derived from Effect of Radiation Time Study on Microwave Assisted Pyrolysis of Kitchen Waste
Zakiuddin Bin Januri, Siti Shawalliah Binti Idris, Norazah Binti Abd. Rahman, Amir Fadzrul Bin Abd. Rahman

OP-510 Effect of Mass Loading and Microwave Absorber Application Method on the Yields of Product from Microwave Assisted Pyrolysis of Palm Oil Mill Effluent
Zakiuddin Bin Januri, Siti Shawalliah Binti Idris, Norazah Binti Abd. Rahman, Hafifah Amirah Binti Akhawan

OP-511 Preparation of Sodium Aluminate from Spent Alumina from Petrochemical Industry
Vilaiwan Teankrajang, Orathai Chavalparit, Rewadee Anuwattana

17:40 - 18:50 SESSION 6

HALL 1

Chairman: *Ercan Sarıdoğan*

OP-234 Solving the Yield Optimization Problem for Wafer to Wafer 3D Integration Process
Marwa Harzi, Saoussen Krichen

OP-235 Smart Technologies with Wireless Sensor Networks
Murat Dener, Cevat Bostancıoğlu

OP-236 An Efficient Genetic Algorithm for Large Scale Vehicle Routing Problem Subject to Precedence Constraints
Noraini Mohd Razali

OP-237 Conception of Virtual Private Networks Using IPsec Suite of Protocols, Comparative Analysis of Distributed Database Queries Using Different IPsec Modes of Encryption
Muhammed Elezi, Bujar Raufi

OP-238 Generating Digital Reputation Index: A Case Study
Sadi Evren Seker, Enes Eryarsoy

17:40 - 18:50 SESSION 6

HALL 2

Chairman: *Kadir Tuna*

- OP-268 **Performance Analysis of Karatsuba Multiplication Algorithm for Different Bit Lengths**
Can Eyupoglu
- OP-269 **2-Head Pushdown Automata**
Samson Ayodeji Awe
- OP-270 **Real-Time Ride Share Based on Trusted Users for Riyadh City**
Henda Chorfi Ouertani, Arwa Alatee, Aseel Aloqeely, Laila Almutairi, Lamia Akjhriji, Sarah Aldossari
- OP-271 **Analyzing Generic Network Location Service**
Laban Mwansa
- OP-272 **Investigation of the Performance of Nikhilam Multiplication Algorithm**
Can Eyupoglu

17:40 - 18:50 SESSION 6

HALL 3

Chairman: *Selva Staub*

- OP-300 **Success Story of a Local Women Entrepreneur in Pakistan**
Adeela Abrar, Amber Rana, Almas Zafar, Aasia Khan
- OP-301 **Regional Innovation Competition Index: The Case of Turkish NUTS 1 and NUTS 2 Regions**
Yeşim Dindaroğlu, Ezgi Baday Yıldız, Adem Kalça
- OP-302 **Assessing Design Policies from an Innovation Models Perspective: The Case of Turkey**
Hızır Tengüz Ünsal
- OP-303 **The Role of Women in Turkish Economy from Feminist Economics Perspective**
Ruhan İşler

17:40 - 18:50 SESSION 6

HALL 4

Chairman: *Ahmet İncekara*

- OP-334 **Potential Acacia and Its Mistletoe to Remove Heavy metals in Wastewater**
Roan Kurniawan
- OP-335 **Preparation and Characterization of Poly-aniline/Iron Oxide Composites and Studying Their Activity in Colorization of Sunset Yellow Dye from Aqueous Solutions**
Salem Ali Jebreel
- OP-336 **Determination of Amino Acids in 15 Varieties of Beans Grown in Kyrgyzstan by High-Perf. Liquid Chromatography with Ultraviolet Detection**
Aibek Umar Bodoshov
- OP-337 **Photon Buildup Factor Investigation Depending on the Sample Thickness for the Some Compounds**
Aytaç Levet, Yüksel Özdemir, Melik Gül, Mehmet Büyükyıldız
- OP-339 **Weak Localization and Weak Antilocalization in n- and p-type Modulation Doped GaInNAs/GaAs Quantum Wells**
Ferhat Nutku, Fahrettin Sarcan, Omer Donmez, Furkan Kuruoğlu, Selman Mutlu, Ayşe Erol, Saffettin Yıldırım, Çetin M Arkan
- OP-340 **Study of Low Temperature Conduction in 2D p-GaAs**
Asmaa Chakhmane, Hassan El Idrissi, Abdelhamid Elkaaouachi

17:40 - 18:50 SESSION 6

HALL 5

Chairman: *Halim Kazan*

OP-369 **The Effects of the Electronic Payments on Monetary Policies and Central Banks**
Özlem Durgun, Mustafa Caner Timur

OP-370 **Protecting Infant Economies, Balkans Economies**
Fatbardha Kadiu, Nilufer Caliskan

OP-371 **Efficiency Comparison of Participation and Conventional Banking Sectors in Turkey Between 2007-2013**
Nizamülmülk Güneş, Abdurrahman Yılmaz

OP-372 **Application of a Hybrid Method in the Financial Analysis of Firm Performance**
Halim Kazan, Merve Ertok, Cihan Ciftci

OP-373 **Analysis of Performance Regional Public Hospital; Used the Regulation of the Minister of Health no.1171/ Menkes/Per/VII/2011, The Balanced Scorecard, and Intellectual Capital Approach**
Yurniwati Yurniwati

17:40 - 18:50 SESSION 6

HALL 6

Chairman: *Ali Akdemir*

OP-404 **Analysing the Importance and the Results of Decent Work Concept in Terms of Labour Market: Case of Turkey**
Elif Haykır Hobikoğlu

OP-405 **Webquest as a Pedagogical Approach in Teacher Training for Technical Education Lecturers in Singapore**
Chien Hui Yang

OP-406 **Panel Data Analysis of The Effects of Entrepreneurship and Innovation on Economic Growth**
Can Köse, Sefer Şener, Mustafa Özer

OP-407 **Can Social Business Save the World from Poverty? How?**
Tugce Aslan

OP-408 **R&D Tax Incentives**
Işıl Fulya Orkunoglu Şahin

17:40 - 18:50 SESSION 6

HALL 7

Chairman: *Ali Akdemir*

OP-438 **Clustering and Innovation Concepts and Innovative Clusters: An Application on Technoparks in Turkey**
Tayfun Yıldız, Zafer Aykanat

OP-439 **Innovation and Competitiveness**
Elife Akış

OP-440 **Positive Influences of Green Innovation on Company Performance**
Mübeyyen Tepe Küçükoglu, R. İbrahim Pınar

OP-441 **State of the Art for Sustainable Development: The Empirical Evidence From Dynamic Capabilities Theory of Technical Eco Innovation Efforts**
Nurul Izwa Rashid, Juhaimi Jabar, Salleh Yahya

OP-442 **Make up as a Sign of Public Statu**
Sevtap Müzeyyen Aytuğ

OP-443 **Evaluation of National Science and Technology Policies in Iran**
Reza Mahdi

17:40 - 18:50 SESSION 6

HALL 8

Chairman: *Jaumin A. Ajdari*

OP-476 **A Version of Parallel Odd-Even Sorting Algorithm Implemented in CUDA Paradigm**

Jaumin A Ajdari, Bujar Raufi, Xhemal Zenuni, Florije Ismaili

OP-477 **Client Cyber Threat Risk Management Model**

Ayşe Selçuk, İzzet Gökhan Özbilgin, Berke Çaplı

OP-478 **A New Segmentation Approach to Uighur OCR**

Metmimin Mahmut, Ahmet Cengizhan Dirican

OP-479 **Comparison and Transformation of SQL to NoSQL**

Fekriye Stafai, Jaumin E Ajdari

OP-480 **Comparative Analysis of Mobile Travel Information Systems**

Cemal Ardi

OP-481 **Understanding Engagement Motivations for Using Computer Assisted Groupware: Using Qualitative Research for Eliciting User Requirements**

Özge Demir, Ahmet K. Süerdem

17:40 - 18:50 SESSION 6

HALL 9

Chairman: *Mehmet Marangoz*

OP-512 **An Evaluation of Integrated Gas Engine and A Thermal Storage System for Residential Applications**

Omar Ali Shaneb, Mustafa Ali Elsherif, Adell Saleh Amer

OP-513 **Seismic Performance of Mid-Rise and High-Rise Steel Moment Resistance Frames Subjected to Near and Far Field Strong Motions Using ASCE Scaling Method**

Babak Behforouz

OP-514 **Investigation of Laser Jet in Liquid Stream**

Necip Fazıl Yılmaz, Ahmet Pürçüklü

OP-515 **Investigation of the Effect of Axial and Rotational Velocities on the Flow Dynamics of a Rotating Shaft Cavity**

Ahmet Yurtseven, Taner Coşgun, Ali Doğrul, Ferdi Çakıcı, Volkan Şahin, Nurten Vardar

OP-516 **CFD Analysis of the Effect of Ship Form on Sewage Disposal**

Volkan Şahin, Ahmet Yurtseven, Taner Coşgun, Levent Bilgili, Nurten Vardar