

09:00 - 10:10 SESSION 1

HALL 1

Chairman: *Mehmet Onur Gülbahar*

- OP-518 **Turbulent Taylor-Couette-Poiseuille Flow with Stepped Rotating Inner Rod**
Taner Coşgun, Ahmet Yurtseven, Ali Doğrul, Ferdi Çakıcı, Nurtten Vardar
- OP-519 **Attitudes of Firms in Adana Organized Industrial Zone Towards Innovation**
Mehmet Mıman, Betül Taştan Mıman, Hakkı Can Korkmaz
- OP-520 **The Impact of ISO 9000 Implementation on Profitability**
Omar Ali Shaneb, Mansour Salem Zaghinin, Adell Saleh Amer
- OP-521 **Innovation Practices at ENSACAR S.A.: Changing from a Polypropylene Packaging Products Manufacturer to a Logistic Solutions Consulting Group**
Diana Gineth Ramirez Rios, Rodrigo Plata Cepeda, Sandra De La Hoz, Doyreg Maldonado
- OP-522 **A New Mathematical Model for Hierarchical Chinese Postman Problem**
Mustafa Yılmaz, Akansha Shipra

09:00 - 10:10 SESSION 1

HALL 2

Chairman: *Halim Kazan*

- OP-529 **Performance Analysis Based on Fuzzy Logic in Healthcare Systems and its Application**
Unal Atakan Kahraman, Harun Taskin
- OP-530 **Strengthening and Repair Methods in Iraq for Reinforced Concrete Beams**
Gökhan Tunç, Anas Malik Mohammed
- OP-531 **Hydrolyzed of Electrostatic Powder Coating Wastes and Using Them as Filling Material in Polyethylene**
Yılmaz Kısmet
- OP-532 **Comparison of Photovoltaic Inverter Performance in Different Climatic Conditions**
Azhan Ab. Rahman, Zainal Salam, Sulaiman Sha'ari, Mohd. Zulkifli Ramli
- OP-600 **Role of the U.S. Economy Driven Innovation Technology and Science Parks Development of the Country**
Yahya Özdemir

09:00 - 10:10 SESSION 1

HALL 3

Chairman: *Elif Haykır Hobikoğlu*

- OP-539 **How Consumers and Smart Devices Co-Evolve?: The Case of Korea**
Sang Oun Lee, Jungsub Yoon
- OP-540 **Licensing in a Hotelling Model with Quadratic Transportation Costs**
Fehmi Bouguezzi
- OP-541 **Six Sigma Approach and Effects of Enterprises in Performance Indicators**
Muzaffer Ertürk
- OP-542 **Persistency of Software Piracy in OECD: Panel Unit Root Approach**
Selim Yıldırım
- OP-543 **R&D and Skills: Evidence from Greek Manufacturing Sector**
Dimitris Tzelepis, Eirini Manolopoulou
- OP-544 **Measuring Operational Performance of ICT Small and Medium Enterprises in Malaysia**
Shaazim Ibhaiddullah Dadameah, Mohd Hassan Mohd Osman, Nennie Rosli Trianna, Mohammad Ridhuan Sabirin
- OP-545 **The Fuzzy Logic for the Selection of the Transportation Type a Firm Application**
Halim Kazan, Elif Haykır Hobikoğlu

09:00 - 10:10 SESSION 1

HALL 4

Chairman: *Çiğdem Börke Tunalı*

- OP-552 **Scripting of Chinese growth in S&T: Key Policy Initiatives Underlying This Evolution and Lessons for Others**
Sandhya G D, Mrinalini N(Natesa)
- OP-553 **Exploring the Imperative of ICT in Effective Disaster Management: Exploring Innovative Vistas for Governments and Populaces**
Rana Saifullah Hassan, Mohammad Saad Malik, Aneeb Nawaz, Sajjad Mubin
- OP-554 **How Much Does Exchange Rate Affect the Economy?**
Mehmet Çağrı Gözen, Selçuk Koç
- OP-555 **Productivity, Markups and International Trade: The Case of Small Open Economy**
Umut Kilinc
- OP-556 **The Effect of R&D Expenses on Firm Performance: A Study on Istanbul Stock Exchange**
Mehmet Sabri Topak
- OP-557 **Achieving Smart Growth: The Quest for Comprehensive Policies of Innovation**
Asli Deniz Helvacioğlu, Arzu Tektas, Abdulmecit Karatas

09:00 - 10:10 SESSION 1

HALL 5

Chairman: *Gültekin Faik Hobikoğlu*

- OP-563 **Innovative Treatments: Effect of Postnatal Magnesium Sulfate Infusion on Neurological Outcome of Term Neonates**
Zeeshan Ahmed Kayani
- OP-564 **The Relationship Between Inovation and Financial Performance in Turkish Health Sector**
Nermin Özgülbaz, Ali Serhan Koyuncuğil, Ceren Toprak
- OP-565 **Some of Muslim Physicians Innovations Still Attributed to Western Minds**
Abdulnasser Kaadan
- OP-566 **Innovation in Nursing Education: The Integration of Simulation Into Post-Graduate Education**
Füsun Terzioğlu, Handan Boztepe
- OP-567 **Technical and Human Factors are Associated with Information Security**
Pınar Kılıç Aksu, R. Özgür Çatar, Nur Şişman Kitapçı, Leyla Köksal, Gonca Mumcu
- OP-568 **Nursing Students' Perceptions of Simulation Design in Problem-Based Learning**
Hao Bin Yuan
- OP-569 **New Approach in the Physical Therapy Demonstration for the Patients with Ankylosing Spondylitis in Turkey**
Erdal Erdal, Hasan Erbay, Kemal Üreten

09:00 - 10:10 SESSION 1

HALL 6

Chairman: *Filiz Akyüz*

- OP-575 **Effect of Homogenization Medium on Permittivity of BaTiO₃ by Solid State Reaction**
Hatice Zehra Akbaş, Ferhat Guder, Zeki Aydın, Selvin Ustabas
- OP-576 **Thermally Stable Encapsulation Material Based on Green and Red Lanthanide Phosphor for White Light Emitting Diodes**
Wedianti Shualdi, Nik Mohd Azmi Nik Abd Aziz, Nurul Huda Yusoff, Nor Adhila Muhammad, Khairuldin Mohd Isha
- OP-577 **Effects of Scan Rate and KOH Electrolyte Concentration in Mesoporous Carbon Electrode**
Farinaa Md Jamil, Mohd Ali Sulaiman, Suhaina Mohd Ibrahim, Abdul Kadir Masrom, Muhd Zu Azhan Yahya
- OP-578 **Effect of the Addition of Chemical Stabilizers on the Strength and Durability of Clay Characteristics**
Ramdane Bahar, Mouloud Benazoug
- OP-579 **Electrochemical and Mechanical Properties of Surface Films and Their Relation to the Stress Corrosion Cracking of Steels**
Giuma Abdussalam Sasi

09:00 - 10:10 SESSION 1

HALL 7

Chairman: *Kadir Tuna*OP-583 **Defense Expenditures and Economic Growth**
*Sumaira Nawaz*OP-584 **Controlling Electrical Devices with Human Brainwaves**
*Aravind Babu, Keerthana Bhaskar*OP-585 **An Efficient Car License Plate Detection Using Genetic Algorithm with a Camera Distance within a Given Range**
Jawad Muhammad, Halis Altun

09:00 - 10:10 SESSION 1

HALL 8

Chairman: *Emre Varel*OP-590 **Different Role of Government-funded Research Institute and Universities within the Korean Government's R&D System**
*Kwangseon Hwang*OP-591 **Testing Whether Innovation is Beneficial or Not: Political Economy of Financial Innovation and Financial Crisis Relation in the 2008 Financial Crisis**
*Ömer Tuğsal Doruk*OP-592 **Evaluating the Effects of Microcredit Implementators on Women Entrepreneurship and Alleviating Poverty in Turkey**
*Demet Çak, Anıl Hatice Değermen*OP-593 **A Lesson for the Istanbul Banking Sector by Using Capital Asset Pricing Model's Result Obtained from Pakistan**
*Umar Nawaz Kayani*OP-594 **The Relationship Between Financial Innovation and Profitability: Empirical Evidence from Turkey**
*Aysel Gündoğdu*OP-595 **The Role of Financial Innovation and Derivatives in Turkish Economy in the Context of 2008 Global Crises**
*Nizamülmülk Güneş, Ferhat Pehlivanoglu*OP-596 **The Effect of Innovation on Financial Performance: A Research Study Involving the Most Innovative Companies in Turkey**
*Elçin Şişmanoğlu, Burçay Yaşar Akçalı*OP-597 **Appointment Systemdesign for Operational Performance Targets**
Emre A Veral, Will P Millhiser

09:00 - 10:10 VIDEO PRESENTATION HALL 9

- Chairman:** *Ercan Sarıdoğan*
- VP- 001** **Energy Consumption Model for Wireless Sensor Networks**
Mohammed Abo Zahhad, Osama Amin, Mohammed Farrag, Abdelhay Ali
- VP- 002** **Usage of EAN-13 Barcodes for Poke-Yoke Applications in Animal Feed Industry**
Alperen Ekrem Çelikdin
- VP- 003** **Improving the Quality of Life of Patients Through the Use of Wearable Sensor Devices**
Matúš Lieskovský, Vanda Lieskovská, Silvia Megyesiová
- VP- 004** **Cyberpunk Vision and Human Manipulation in Don DeLillo's Point Omega**
Ruzbeh Babaei, Hardev Kaur Ap Jumar Singh
- VP- 005** **ICT in Teaching/Learning Literature: The Case of English as a Foreign Language**
Boulenouar Mohammed Yamin
- VP- 006** **Digital Badges for STEM Learning: Fostering Creativity, Innovation and Development of Transferable Competencies**
Angela Elkordy
- VP- 007** **Comparing the Emotions of Entrepreneurship and Innovativeness for Turkish and English**
Elyase Iskender
- VP- 008** **Poverty and Social Exclusion Versus Labor Market in the EU Member States**
Silvia Megyesiová, Vanda Lieskovská
- VP- 009** **The Future of Social Innovation: Triggers, Best Practices and Frequent Mistakes, Based in Spanish Cases**
Blanca Herrero De Egaña Muñoz Cobo
- VP- 010** **The Effects of Technological Innovation Policies on the Turkish Labor Market**
Osman Tezgel

10:20 - 10:50 KEYNOTE SPEAKER HALL 1

Stefano Fanti
Bologna University
In Vivo Imaging with Radiotracers: From Nuclear Diagnostic to Theranostic

10:50 - 11:20 COFFEE BREAK

11:20 - 12:30 SESSION 1 HALL 1

- Chairman:** *Filiz Akyüz*
- OP-523** **Innovative Treatment Methods in Medicine: Treatment of Typhoid Fever in Children**
Amna Naveed
- OP-524** **The Potential Applications of *Vitreoscilla* Hemoglobin for Bioethanol Production from Sugar Industry Wastes**
Taner Sar, Meltem Yesilcimen Akbas
- OP-525** **The Control of Biofilm Formation of *Staphylococcus aureus* Strains Isolated from Raw Milk Samples**
Meltem Yesilcimen Akbas, Tuğba Kökimer
- OP-526** **Applying Silver Nanoparticles to Ensure the Safety of Food Production Processes**
Gleb Balandin, Oleg Suvorov, Anastasia Podushkina, Lubov Shaburova, Galina Ermolaeva
- OP-527** **Bioethanol Production from Cheese Whey by *Escherichia coli* Expressing *Vitreoscilla* Hemoglobin**
Meltem Yesilcimen Akbas, Büşra Özçelik
- OP-528** **Antiphytopathogenic and Antimicrobial Activity of Streptochlorin from Marine-Derived *Streptomyces* sp. 9CM17**
Kadriye Özcan, Ataç Uzel, Erdal Bedir

11:20 - 12:30 SESSION 1

HALL 2

- Chairman:** *Gültekin Faik Hobikoğlu*
- OP-533** **Chitosan-Methylcellulose Hybrid as a Moist Skin Regeneration Matrix**
Azreena Mastor, Siti Hajar Kasim, Siti Farhana Hisham, Norhidayah Abu, Suriani Shamsudin, Abdul Yazid Abdul Manaf, Kartini Noorsal, Ahmad Hazri Ab Rashid
- OP-534** **An Innovation in the Administration of Oral Medication to Children: The Oral Medicine Dispenser**
Handan Boztepe, Hakan Gürsu, Hakan Boğazpınar, Barış Gür
- OP-535** **Complexity Optimization**
Nagehan UCA, Ahmet Özgür Doğan
- OP-536** **Aging Effect Of Sol-Gel Solution on Characteristic Properties of ZnO:Al Nanowires**
Hale Tugral, Nilgun Baydogan, Huseyin Cimenoglu
- OP-537** **Characterization and Corrosion Behavior of (Fe65Co35)70Al30 Nanostructure Alloys Obtained by Mechanical Alloying**
Ahmed Haddad, Karima Lounes, Mohammed Azzaz, Souad Brickchaouche
- OP-538** **Effectiveness of Educational Leveling Citizen Views of Non-Formal Learning**
Fauzi Sani, Faiz Ahadina, Dimas Kalimasyada
- OP-598** **Study of Calcination Temperature and Concentration of NaOH Effect on Crystallinity of Silica from Sugarcane Bagasse Ash (SCBA)**
Norhasyimi Rahmat, Mohd Alfie Sabali

11:20 - 12:30 SESSION 1

HALL 3

- Chairman:** *Elif Haykır Hobikoğlu*
- OP-546** **Structural Problems of Small and Medium Sized Enterprises in Turkey and Solution Suggestions**
Ali Erdoğan, Hacer Canatan
- OP-547** **The Impact of Social Contexts on The Production of Emphatics / Non Emphatic Cognates: Evidence from Socio-Phonetics**
Bakhta Abdelhay
- OP-548** **The Role of Geographical Indications in the Way of Turning Domestic Values into the Touristic Brands: Under the Sample of Azerbaijan**
Farrukh Rahimov
- OP-549** **Innovative Technology in New Media and Its Effects on Intellectual Property**
Ozan Günel
- OP-550** **New Product Development Success and Strategic Orientations**
Çağrı Bulut, Seçil Pelin Aka
- OP-551** **Sustainable Design and Production Activities Upon “Domestic Manufacturing”**
Murat Devrim Atılğan

11:20 - 12:30 SESSION 1

HALL 4

- Chairman:** *Selva Staub*
- OP-558** **Analyzing of the Relationships Among Entrepreneurs’ Entrepreneurship, Innovation, Innovative Thinking and Level of Innovative Entrepreneurship**
Haluk Tanrıverdi, Makbule Alkan
- OP-559** **Towards a Conceptual Model to Dissect a Company’s Innovative Capabilities and Strategic Position in a Knowledge Economy**
Barry Lin, Bingsheng Yi, Chia Wei Chen, Robert Pech
- OP-560** **The Validity and Reliability of the Turkish Version of the Blended Working Scale**
Aydın Söylemez, Ahmet Akın, Basri Özgelik, Ümran Akın
- OP-561** **Stakeholder Engagement to Innovation Process: Participatory Approach to Idea Generation and Product Conceptualization**
Sandy Çağlıyor, Ahmet K. Süerdem, Irem Turan
- OP-562** **The Analysis of the Relationship of Social Skills, Problem Solving and Bullying in Adolescents**
Mehmet Engin Deniz, Recep Uysal, Evren Ersoy

11:20 - 12:30 SESSION 1		HALL 5
Chairman:	<i>Donald Staub</i>	
OP-570	Teacher's Approaches in Teaching 'Seni dalam Islam' (AA206) Polytechnic Malaysia: Developing 'Seni Mardhatillah' Model <i>Mohamad Faisal Ahmad, Mohd Isa Hamzah, Khadijah Abdul Razak, Maria Mohammad</i>	
OP-571	Metaphor Perceptions of Gifted Secondary School Students About "Mathematics" <i>Elif Bahadır</i>	
OP-572	ICT and ELT Classrooms <i>Mohamed Grazib</i>	
OP-573	Measuring The Maintenance Management Performance at Education Endowment-Based Buildings: Case Study of Johor Bahru <i>Huraizah Arshad, Maizan Baba</i>	
OP-574	A Research on Determination of Relationship Between Emotional Intelligence and Entrepreneurship Intention In Computer Education and Instructional Technologies <i>Sami Acar, Dilek Uslu</i>	
11:20 - 12:30 SESSION 1		HALL 6
Chairman:	<i>Çiğdem Börke Tunalı</i>	
OP-580	Entrepreneurial Cybernetics: Indigenous Entrepreneurship Models for Developing Countries <i>Mustafa Ergen</i>	
OP-581	In the Digital Economics Age, The Future of Central Banks and Banking After Global Financial Turmoil <i>Cüneyt Dirican</i>	
11:20 - 12:30 SESSION 1		HALL 7
Chairman:	<i>Kadir Tuna</i>	
OP-586	Innovative Ideas Through Collaboration with Potential Users <i>Martin Hewing, Katharina Hölzle</i>	
OP-587	Women Entrepreneurship: Contribution of Human and Social Capital to Overcome Gender Stereotype <i>Haroon Muzaffar</i>	
OP-588	From Innovation Potential to Innovation Capital <i>Kadir Alpaslan Demir</i>	
OP-589	The Situation of Turkey among EU Countries in Terms of Women Entrepreneurship Indicators: A Statistical Analysis <i>Gizem Akıncı, Özge Eren</i>	
OP-599	Nominal Gdp Targeting: A New Framework for Central Bank of Turkey <i>Kadir Tuna, K.Dağhan Gökçe</i>	
12:30 - 13:40		LUNCH