

08:00 - 10:00
REGISTRATION

May 28, 2015, Thursday (1st Day)

Hall 1

10:00 - 11:10
OPENING CEREMONY

OPENING SPEECHES

Prof. Sedat Murat

Vice Rector of the Istanbul University and Conference President

Prof. Mahmut Ak

Rector of the Istanbul University

Fikri Işık

Minister of Science, Industry and Technology, Republic of Turkey

11:15 - 12:25

Chairman: Prof. David Anderson

Keynote Speaker: Dominique Guellec

Head of the Country Studies and Outlook (CSO) Division, Directorate for Science, Technology and Industry, OECD

Government Policies for Supporting Innovative Entrepreneurship

Keynote Speaker: Prof. Stefan Schepers

Secretary General High Level Group on EU Innovation Policy Management

Innovation Ecosystems: The Way to Ensure Economic Progress and Social Well-being

12:30 - 13:30

LUNCH

13:40 - 14:50 SESSION 1

HALL 1

Chairman: *Jarko Fidrmuc*

- OP-001 **A Comparative Assessment of Turkey for its Status and Readiness for Knowledge Society from Human Capital Perspective**
Muammer Koc
- OP-002 **Prospective Human Capital: How Materialistic are Thai College Students? An Analysis of Spending Tendencies and Debts**
Phanee Naruetharadhol, Chavis Kerkaew, Pornwadee Kerdpech, Praphasorn Kaoplod, Rattiporn Kannarat
- OP-003 **A Research on Job Satisfaction Factors of Private Entrepreneurs: The Case of Beylikduzu Organized Industrial Zone**
Ayşegül Ertuğrul, Evren Ayrancı
- OP-004 **Testing The Impact of Unemployment on Self-Employment: Empirical Evidence from OECD Countries**
Ferda Halicioğlu, Sema Yolaç
- OP-005 **Levels of Job Satisfaction Among Engineers in a Malaysian Local Organisation**
Rahman Hashim
- OP-006 **Business World-University Cooperation Interfaces Perception of Faculty Members**
Murat Yalçıntaş, Cihan Çiflikli Kaya, Başar Kaya

13:40 - 14:50 SESSION 1

HALL 2

Chairman: *Bahadır Akçam*

- OP-025 **Entrepreneurship Education at Universities: Suggestion for a Model Using Financial Support**
Eşref Savaş Başcı, Reha Metin Alkan
- OP-026 **Conceptual Development of Academic Entrepreneurial Intentions Scale**
Ufuk Özgül, Özlem Kunday
- OP-027 **A New Approach in Preschool Education: Social Entrepreneurship Education**
Muammer Sarıkaya, Eda Coşkun
- OP-028 **Exploring Business Student Perception of Information and Technology**
Bahadır K Akcam, Hakan Hekim, Ahmet Guler
- OP-029 **Identification of Factors Affecting Organizational Entrepreneurship In Selected Sama Technical Schools**
Hooshang Maktabi, Mehdi Babakhanian
- OP-030 **Evaluation of a Pay for Performance Scheme in Maternity Care: The Commissioning Quality and Innovation Payment Framework in England**
Merve Ertok

13:40 - 14:50 SESSION 1

HALL 3

Chairman: *Tanyel Özelçi Ecerel*

- OP-048 **Innovating General Aviation MRO's through IT: The Sky Aircraft Management System - SAMS**
Çağlar Uçler, Orhan Gök
- OP-049 **The Moderating Effect of Global Competitiveness Index on Dimensions of Logistics Performance Index**
Murat Çemberci, Mustafa Emre Civelek, Neslihan Canbolat
- OP-050 **Turkish Passenger Characteristics and Approach to Self Service Applications Provided by Turkish Air Transport Corporations**
Selva Staub, Suat Teber
- OP-051 **Incentive Mechanisms in Industrial Development: An Evaluation Through Defence and Aviation Industry of Ankara**
Tanyel Özelçi Ecerel, Bilge Armatlı Köroğlu
- OP-052 **Human Capital and Innovation Capacity of Firms in Defense and Aviation Industry in Ankara**
Bilge Armatlı Köroğlu, Tanyel Özelçi Ecerel
- OP-053 **Measuring or Support ? AiR -a pilot Project on Support Systems for Innovation In Industrial Automation Companies**
Jennie Schaeffer, Helena Karlsson, Karolina Winbo

13:40 - 14:50 SESSION 1

HALL 4

Chairman: *Mithat Zeki Dinçer*

OP-070 **Environmental Regulation Becomes Restriction or a Cause for Innovation – A case of Toyota Prius and Nissan Leaf**
Sajit Chandra Debnath

OP-071 **SME Firm Performance - Financial Innovation and Challenges**
Anthony Abiodun Eniola, Harry Entebang

OP-072 **Effect of Management Factor's on Employee Job Satisfaction; an Application in the Telecommunication Sector**
Nagihan Yıldız Tepret, Kadir Tuna

OP-073 **Upper Echelon Theory Revisited: The relationship between CEO Personal Characteristics and Financial Leverage Decision**
Irene Wei Kiong Ting, Noor Azlinna Azizan, Qian Long Kweh

OP-074 **The Determination of Panel Causality Analysis on the Relationship Between Economic Growth and Primary Energy Resources Consumption of Turkey and Central Asian Turkish Republics**
Canan Şentürk, Ceyda Şataf

13:40 - 14:50 SESSION 1

HALL 5

Chairman: *Ali Akdemir*

OP-093 **Sustainability in Construction Sector**
Mustafa Yılmaz, Adem Bakış

OP-094 **Stress-Strain State of Two Diagonal Cavities Weighty Inclining Layered Massif System with Shears in Terms of Elastic-Creep Deformations**
Tursinbay Turymbetov, Nurlan Azhikhanov, Nurseit Zhunissov, Zhenis Aimeshov

OP-095 **Study of Granulated Blast Furnace Slag as Fine Aggregates in Concrete for Sustainable Infrastructure**
Gaurav Singh, Souvik Das, Abdulaziz Abdullahi Ahmed, Showmen Saha, Somnath Karmakar

OP-096 **Split Tensile Strength of Self-Compacting Concrete Containing Coal Bottom Ash**
Mohd Haziman Wan Ibrahim, Ahmad Farhan Hamzah, Norwati Jamaluddin, Ramadhansyah Putra Jaya, Mohd Fadzil Arshad

OP-097 **Development of Building Damage Functions for Big Earthquakes in Turkey**
Diaa Gadelmavla, Güvenç Arslan

OP-098 **Innovative Crisis Management in Construction: Approaches and the Process**
Selim Şahin, Serdar Ulubeyli, Aynur Kazaz

13:40 - 14:50 SESSION 1

HALL 6

Chairman: *Süleyman Özdemir*

OP-118 **Artificial Neural Network and Agility**
Selva Staub, Emin Karaman, Seyit Kaya, Hatem Karapınar, Elçin Güven

OP-119 **The Effectiveness of 8 Weeks Physical Activity Programme Among Obese Students**
Norkhalid Salimin, Gunathevan Elumalai, Mohd Izwan Shahril, Gobinath Subramaniam

OP-120 **Employment Oriented Case Study of the Individuals with Down Syndrome - Smiling Faces**
Mehmet Levent Kocaalan

OP-121 **Consumers' and Physicians' Perceptions about High Tech Wearable Health Products**
Suphan Nasir, Yigit Yurder

OP-122 **A Research for People to Determine the Relationship Between Oral Hygiene and Socio-Economic Status**
Nurdan Colakoglu, Ladise Has

OP-123 **The Evaluation of The Effects of Socio -Demographic Factors on Oral and Dental Health: A Study on the Ages 6-12**
Nurdan Colakoglu, Ethem Has

13:40 - 14:50 SESSION 1

HALL 7

Chairman: *Lulzime Kamberi*

- OP-143 **The Validity and Reliability of ISO Test Towards Future Physical Education Teachers Performance Assessment in Teaching and Learning Process**
Mohd Izwan Izwan Shahril, Norkhalid Norkhalid Salimin, Gunathevan Gunathevan Elumalai
- OP-144 **The Usage of 'Turnitin' as an Innovative Educational Tool: Inculcating Critical Thinking in Integrating Naqli and Aqli for Subject of Malaysian Economy**
Fuadah Johari
- OP-145 **Personalized Learning Environment: Alpha Testing, Beta Testing & User Acceptance Test**
Che Ku Nuraini Che Ku Mohd, Faaizah Shahbodin
- OP-146 **Linguistic Change and Identity**
Hanane Sarnou
- OP-147 **Determinants of International College Student's Performance in Mathematics**
Chavis Ketkaew, Phaninee Naruetharadhol
- OP-148 **Using Blogs in EFL Teaching - A Case Study of Macedonia**
Lulzime Kamberi

13:40 - 14:50 SESSION 1

HALL 8

Chairman: *Sulong Abu Bakar*

- OP-168 **Application of Neutron Activation Analysis for Heavy Oil Production Control**
Valeria Kornienko, Petr Avtonomov
- OP-169 **Suitability of Biochar Produced from Biomass Waste as Soil Amendment**
Nur Shahidah Ab Aziz, Mohd Adib Mohd Nor, Shareena Fairuz Abdul Manaf
- OP-170 **Acidogenesis of Palm Oil Mill Effluent to Produce Biogas: Effect of Hydraulic Retention Time and pH**
Bambang Trisakti
- OP-171 **Enhancement of Eco-Efficiency Through Life Cycle Assessment in Crumb Rubber Processing**
Seri Maulina, Nik Meriam Nik Sulaiman, Noor Zalina Mahmood
- OP-172 **Enzymatic Transesterification of DPO to Produce Biodiesel by Using *Lypozime RM IM* in Ionic Liquid System**
Renita Manurung, Rosdanelli Hasibuan, Taslim Taslim, Nur Sri Rahayu, Aira Darusmy
- OP-173 **An Experimental Study About Determination of Transesterification Reaction Parameters Giving the Lowest Viscosity Waste Cooking Oil Biodiesel**
Atilla Bilgin, Mert Gülim, Ihsan Koyuncuoğlu, Elif Naç, Abdülvahap Çakmak

13:40 - 14:50 SESSION 1

HALL 9

Chairman: *Nattapong Kongprasert*

- OP-191 **Do Demographic Characteristics Make a Difference on Housing Investment Preferences? Household Survey for Istanbul**
Cansu Şarkaya İçellioğlu
- OP-192 **Innovation for a New Tax Incentive: Patent Box Regime Turkey and the European Union Application**
Ayşe Yiğit Şakar
- OP-193 **Election of Deputy Candidates for Nomination with AHP-PROMETHEE Methods**
Halim Kazan, Salih Özçelik, Elif Haykır Hobikoğlu
- OP-194 **Is Turkey's "Technological Balance of Payments" Balanced?**
Hatice Özkurt Çokgüngör
- OP-195 **Urban System of Innovation: Main Agents and Main Factors of Success**
Maria Markatou, Efstratia Alexandrou
- OP-196 **The Role of Taxation Problems on the Development of E-Commerce**
Burcu Kuzucu Yapar, Seda Bayrakdar, Mustafa Yapar

14:50 - 16:00 SESSION 2

HALL 1

Chairman: *David Anderson*

- OP-007 **The Effects of Leader's Behavior on Job Satisfaction: A Research on Technology Fast50 Turkey Companies**
Buket Akdol, F. Sebnem Arikboga
- OP-008 **Characteristics and Attitudes of Entrepreneurs Towards Entrepreneurship**
Şükrü Gedik, Mehmet Miman, Serdar Kesici
- OP-009 **Things have Changed: Making and the Future of Entrepreneurship**
Eric Joseph Van Holm
- OP-010 **Incentives to Promote Entrepreneurship in Greece: Results Based on the 'New Innovative Entrepreneurship' Program**
Maria Markatou
- OP-011 **Success Factors of Lebanese SMEs: An Empirical Study**
Lina Mohamad Kemayel
- OP-012 **The Economic Contribution of Turkish Tourism Entrepreneurship on the Development of Tourism Movements in Islamic Countries**
Mithat Zeki Dinçer, Füsun İstanbullu Dinçer, Selman Yılmaz

14:50 - 16:00 SESSION 2

HALL 2

Chairman: *Özcan Karahan*

- OP-031 **Analysis of The World's Most Innovative Companies on the Basic of Industry: 2005-2014**
Aysel Erciş, Musa Ünal
- OP-032 **An Empirical Study Regarding Entrepreneurship in Europe and Central Asia**
Sema Yolaç
- OP-033 **Factors for Increasing the Competitiveness of Small and Medium Enterprises (SMES) in Bulgaria**
Sibel İlhanova Ahmedova
- OP-034 **Economic and Social Benefits that can be Obtained by a Combination of Innovation and Corporate Entrepreneurship activities in Turkish companies**
Yavuz Çingitay, Zümri Ecevit Satı
- OP-035 **Determinant Factors of E-commerce Adoption by SMEs in Developing Countries: Evidence from Indonesia**
Rita Rahayu

14:50 - 16:00 SESSION 2

HALL 3

Chairman: *Selva Staub*

- OP-054 **Increasing Importance of Entrepreneurship and Support and Facilities Provided to Entrepreneurs in Turkey**
Ali Şahin Örnek, Yasin Danyal
- OP-055 **Comparative Analysis in the Frame of Business Establishment Criteria and Entrepreneurship Education from the Viewpoint of Economy Policies Supported by Innovative Entrepreneurship**
Elif Haykır Hobikoğlu, Bahar Şanlı Gülbahar
- OP-056 **An Investigation of the Effects of Open Leadership to Organizational Innovativeness and Corporate Entrepreneurship**
Tuna Uslu, İdil Ayça Bülbül, Duygu Çubuk
- OP-057 **Determination of Innovative Activities in the Dried Fruit Exporter Companies: The Case of Aegean Region**
Murat Kayalar, Koray Çıta, Bülent Ergani, Elif Aktekin
- OP-058 **Designing an Innovation Engine Model and a Software Tool to Meet Large Organisations Challenges with SMEs Capabilities, a Pilot Study**
Luis Hernandez Munoz, Meghana Torane, Ardavan Amini

14:50 - 16:00 SESSION 2

HALL 4

Chairman: *Tuncay Bayrak*

OP-075 **Emigration of Innovative Workforce in the Light of Patent Data**
Özgür Topkaya

OP-076 **Analysis of Innovation-Based Human Resources for Sustainable Development**
İsmail Bircan, Funda Gençler

OP-077 **Organisational Knowledge: The Panacea to NGO-operations**
Sheikh Shamim Hasnain

OP-078 **A Study on the Assessment Framework for the Novelty of Idea Generated by the Analogical Thinking**
Eunyoung Kim, Hideyuki Horii

OP-079 **A Review of Business Analytics: A Business Enabler or Another Passing Fad**
Tuncay Bayrak

OP-080 **Innovation Culture and Strategic Human Resource Management in Public and Private Sector Within the Framework of Employee Ownership**
Tuna Ushu

OP-081 **Leadership in TVET for the 21st Century: Challenges, Roles and Characteristics**
Hadijah Ahmad, Badaruddin Ibrahim

14:50 - 16:00 SESSION 2

HALL 5

Chairman: *Shinto Teramoto*

OP-099 **Diversity Management Research as a Strategy for Sustainable Development in the Third World**
Ogbo Ann Ifechukwudebelu, Kifordu Anthony Anyibuofu

OP-100 **Factors Affecting the Internationalization Process of Small and Medium Enterprises (SMEs)**
Özlem Kunday, Ece Pişkinsit Şengüler

OP-102 **The Barriers to Increasing the Productivity in Expatriate Management: Examples in the World and Turkey**
Mehtap Aracı

OP-103 **Immigrant Entrepreneurs on the World's Successful Global Brands in the Cosmetics Industry (Case Studies: Avon Products and Estée Lauder)**
Nur Suhaili Ramli

OP-104 **Innovation Management in Global Competition and Competitive Advantage**
Deniz Dilara Dereli

OP-105 **Reverse Globalization by Internationalization of SME's: Opportunities and Challenges Ahead**
Binod Anand

14:50 - 16:00 SESSION 2

HALL 6

Chairman: *Kadir Tuna*

OP-124 **Properties of Hardened Concrete Produced by Waste Marble Powder**
Gülden Çağm Ulubeyli, Recep Artır

OP-126 **In Situ Copolymerization of Silver Containing Nanocomposites of Pyrrole and Thienyl End Capped Ethoxylated Nonyl Phenol by Iron (III) Chloride**
Görkem Ülkü, Nesrin Köken, Esin Ateş Güvel, Nilgün Kızılcan

OP-127 **Sustainability for Blast Furnace Slag: Use of Some Construction Wastes**
Gülden Çağm Ulubeyli, Recep Artır

OP-128 **Synthesis of Si-ZnS Core-shell Nanoparticles by Reactive Deposition of Photocatalytic ZnS Layer on the Surface of Carrier Si Nanoparticles in Aerosol Microdrops**
Richard Dvorsky, Ladislav Svoboda, Katerina Šollová, Jana Trojčková, Jirí Bednár, Bruno Kostura, Dalibor Matyssek, Markéta Pomiklová

OP-129 **Statistical Evaluation of Urea-Multiwalled Carbon Nanotubes Fertilizer Using Plackett Burman Experimental Design**
Norazlina Mohamad Yatim, Azizah Shaaban, Mohd Fairuz Dimin, Faridah Yusof

14:50 - 16:00 SESSION 2

HALL 7

Chairman: *Smail Haddadi*

- OP-149 **Applying Minimum Quantity Lubrication (MQL) Method on Milling of Martensitic Stainless Steel by Using Nano MoS₂ Reinforced Vegetable Cutting Fluid**
Alper Uysal, Furkan Demiren, Erhan Altan
- OP-150 **Mechanical and Physical Properties of Injection Molded Halloysite Nanotubes-Thermoplastic Polyurethane Nanocomposites**
Sulong Abu Bakar, Gaaz Tayser Sumer, Sahari Jaafar
- OP-151 **Incorporating Malaysian's Population Anthropometry Data in the Design of an Ergonomic Driver's Seat**
Baba Md Deros
- OP-152 **New Revolutionary Ideas of Material Processing – A Path to Biomaterial Fabrication by Rapid Prototyping**
Shreepad Marotrao Sarange, Ravi Mahadev Warkhedkar
- OP-153 **Influence of Natural Rubber on Creep Behavior of Bituminous Concrete**
Fayssal Cheriet, Khedoudja Soudani, Smail Haddadi
- OP-154 **Integrated System for Detection of Dangerous Materials and Illicit Objects in Cargoes**
Petr Avtonomov, Valeria Kornienko
- OP-155 **Improving of Sewability Properties of Varios Knitted Fabrics with the Softeners**
Alime Aslı İllez, Eylene Sema Dalbaş, Gonca Özçelik Kayseri

14:50 - 16:00 SESSION 2

HALL 8

Chairman: *Angelo Corelli*

- OP-174 **The Characteristics of Urban Heat Island in Bangkok Metropolitan Area, Thailand**
Sigit Dwiananto Arifwido, Takahiro Tanaka
- OP-175 **Tourists' Approach to Local Food**
Tarik Sengel, Aysen Karagoz, Gurel Cetin, Fusun Istanbul Dincer, Suna Mugan Ertugral, Mehtap Balık
- OP-176 **Research About Molecular Cuisine Application as an Innovation Example in Istanbul Restaurants**
Demet Tüzünkan, Aslı Albayrak
- OP-177 **Tourist Perceptions of Cultural Identity: The Case of the Thai Experience**
Nattapong Kongprasert, Porngrarn Virutamasen
- OP-178 **Rogers Theory on Diffusion of Innovation - The Most Appropriate Theoretical Model in the Study of Factors Influencing the Integration of Sustainability in Tourism Businesses**
Mirjam Xhavid Dibra
- OP-179 **The Intersection of Entrepreneurship and Strategic Management: Strategic Entrepreneurship**
Nihun Doğan

14:50 - 16:00 SESSION 2

HALL 9

Chairman: *Kageeporn Wongpreedee*

- OP-197 **The Environmental Kuznets Curve and Corruption in the MENA Region**
Ikram Sahli, Jaleddine Ben Rejeb
- OP-198 **Speciation and Availability of Heavy Metals on Serpentine Soil and Paddy Yield**
Roslaili Abdul Aziz, Sahibin Abd Rahim, Ismail Sahid, Wan Mohd Razi Idris, Atiqur Rahman Bhuiyan
- OP-199 **Rosa Bitamina (Organic Fertilizer) Effects in Enhancing *Rosa Centifolia* Resistancy and Flowering Process**
Nurhidayati Mad Noh, Nur Azlin Azhari, Siti Nurul Mahfuzah Mohamad
- OP-200 **Mapping of Biochemical Constituents in *Platanus Acerifolia* Leaves by Analytical Techniques**
Işıl Kutbay, Funda Şentürk Akfırat
- OP-201 **Investigating the Oxidative Function of the *Scytalidium Thermophilum* Catalase**
Melis Zengin, Yonca Yuzugullu, Sinem Balci, Günce Goc, Yonca Duman, Arwen. R Pearson
- OP-202 **Anti-Microbial Activity of Chloramphenicol from *Streptomyces sp.*10CM9**
Kadriye Özcan, Ataç Uzel, Erdal Bedir
- OP-203 **Tunisian Wetlands Valuation Elements and Sustainable Development: Case of Sebkhath El Kelbia Sousse Tunisia**
Karim Ben Haj Farhat, Hichem Rejeb, Ikram Sahli

16:00 - 16:30

COFFEE BREAK

16:30 - 17:40 SESSION 3

HALL 1

Chairman: *Ferda Halicioğlu*

- OP-013 **A Framework for a Successful Research Products Commercialisation Among Academic Researchers in Malaysia**
Norain Ismail, Mohd Jailani Mohd Nor, Safiah Sidek
- OP-014 **A Fact or an Illusion: Social Media Usage of Female Entrepreneurs**
Burcu Öksüz, Merve Genç
- OP-015 **Strengthen Brand Association Through Se: Institutional Theory Revisited**
Pornpam Virutamasen, Kageeporn Wongpreedee, Weeranan Kummungwut
- OP-016 **Patentability Under Turkish Patent Law According to the Decree Law No. 551 on the Protection of Patent Rights**
Başak Bak
- OP-017 **Entrepreneurial Brand**
Hatice Anıl Değermen Erenkol, Yaprak Burçak Boydak Öztas
- OP-018 **Attributes for Image Content That Attract Consumers' Attention to Advertisements**
Muhammad Helmi Abu Bakar, Mohd Asyiek Mat Desa, Muhizam Mustafa
- OP-601 **Adjusting the Strength of Intellectual Property Rights to Allow Healthy Competition**
Shinto Teramoto

16:30 - 17:40 SESSION 3

HALL 2

Chairman: *Ahmet İncekara*

- OP-036 **Creativity Process in Innovation Oriented Entrepreneurship: The Case of Vakko**
Evrin Kabukcu
- OP-037 **Connections Between Leadership Features and Attitudes Towards Innovativeness: A Research on Small and Medium-Sized Business Owners**
Ayşegül Ertuğrul, Evren Ayrancı
- OP-038 **Comparing Turkish Universities Entrepreneurship and Innovativeness Index's Rankings with Sentiment Analysis Results on Social Media Messages**
Elyase İskender, Gülgönül Bozoğlu Batı
- OP-039 **Applicability to Green Entrepreneurship in Turkey: A Situation Analysis**
Yeter Demir Uslu, Yasemin Hancıoğlu, Erol Demir
- OP-040 **The R&D and Innovation Capacity of SMEs' in IMES**
Zafer Ulu, Gizem Akıncı
- OP-041 **The Effect of Personality Traits on Social Entrepreneurship Intentions: A Field Research**
Oğuzhan İrengün, Sebnem Arikboga

16:30 - 17:40 SESSION 3

HALL 3

Chairman: *Baba Md. Deros*

- OP-059 **A Study on Ergonomic Awareness Among Workers Performing Manual Material Handling Activities**
Baba Md Deros, Dian Darina Indah Daruis, Ishak Mohamed Basir
- OP-060 **A Concept Analysis of Innovation in Nursing**
Nurten Kaya, Nuray Turan, Gülsün Özdemir Aydın
- OP-061 **Health Problems and Help Seeking Behavior at the Internet**
Nuray Turan, Nurten Kaya, Gülsün Özdemir Aydın
- OP-062 **The Role of Health Literacy in Access to Online Health Information**
Gülsün Özdemir Aydın, Nurten Kaya, Nuray Turan
- OP-063 **Entrepreneurship: Is it an Addiction?**
Gülseren Keskin, Süreyya Gümtüşsoy, Elif Aktekin

16:30 - 17:40 SESSION 3

HALL 4

Chairman: *İsmail Bircan*

- OP-082 **Innovation and Labor Productivity in BRICS Countries: Panel Causality and Co-integration**
Serdar Kurt, Ünzile Kurt
- OP-083 **Determinants of Innovation Performance: A Resource-Based Study**
Rıfat Kamaşak
- OP-084 **Effects of Innovation Strategy on Firm Performance: A Study Conducted on Manufacturing Firms in Turkey**
Ahu Tuğba Karabulut
- OP-085 **The Relationship Between Intellectual Capital, Innovative Work Behavior and Business Performance Reflection**
Ali Şahin Örnek, Siyret Ayas
- OP-086 **CSR Practice and Sustainability of Business Performance: Evidence from the Global Financial Centre of China**
Artie W Ng, Tai Ming Wut
- OP-087 **The Effects of Innovative Features of Women Managers on Their Business Performance: The Case of Food Exporter Companies in Aegean Region**
Nezih Metin Özmutaf, Elif Aktekin, Bülent Ergani, Koray Çita

16:30 - 17:40 SESSION 3

HALL 5

Chairman: *Ayfer Gedikli*

- OP-106 **Systematic Design of an Open Innovation Tool**
Ahmet Çubukcu, Bülent Gümüş
- OP-107 **Example of Open Innovation: P&G**
Nesli Nazik Özkan
- OP-108 **Effects of Innovation Types on Performance of Manufacturing Firms in Turkey**
Ahu Tuğba Karabulut
- OP-109 **Innovation Management System of Ecuador**
Carlos Raul Carpio, William Emilio Figueroa, Martha Paola Alvarado
- OP-110 **Breaking Free From 'The Linear': In Search for Innoveaders**
Ahmet Hakan Yüksel
- OP-111 **Drivers of Innovative Constructive Deviance: A Moderated Mediation Analysis**
Bora Yıldız, Serhat Erat, Lütfihak Alpkın, Harun Yıldız

16:30 - 17:40 SESSION 3

HALL 6

Chairman: *Mehmet Onur Gülbahar*

- OP-130 **Technical Innovations in Cruise Tourism and Results of Sustainable Approaches**
Naci Polat
- OP-131 **Marketing Efforts Related to Social Media Channels and Mobile Application Usage in Tourism: Case Study in Istanbul**
Mehmet Onur Gülbahar, Fazlı Yıldırım
- OP-132 **Art Via Architecture 'Lukisan Kajian' Style in Hybrid Model 'A+AGPD': Observation 'Garisn Stroke Line' (gSLine)**
Maria Binti Mohammad, Nasir Bin Ibrahim, Mohamad Rusdi Bin Md.nasir, Kasran Bin Mat Jiddin, Mohamad Faisal Bin Ahmad
- OP-133 **Creating a Network of Youth in Nakhon Phanom and Laos PDR. About Sustainable Tourism Development in The Greater Mekong Sub-region**
Sirimonporn Thipsingh
- OP-134 **Developing Innovative Methods of Outdoor Ads with Interaction of Digital Arts**
Ayşe Nesrin Akören
- OP-135 **Economic Development of Ski Industry in Experimental Innovation: Example of Palandoken Turkey and Alps Switzerland**
Elif Haykı Hobikoğlu, Huzeyfe Karademir

16:30 - 17:40 SESSION 3 HALL 7

Chairman: *Tuncay Bayrak*

- OP-156 **Direct vs. Anonymous Feedback: Teacher Behavior in Higher Education, with Focus on Technology Advances**
Angelo Corelli
- OP-157 **Evaluation of the Mechatronics Curriculum Using Model Stufflebeam (CIPP)**
Sharifah Nurulhuda Tuan Mohd Yasin, Azman Hasan, Mohd Fauzi Mohd Yunus
- OP-158 **The Relationship of the Creativity of Public and Private School Teachers to Their Intrinsic Motivation and the School Climate for Innovation**
Tuncer Fidan, İnci Öztürk
- OP-159 **The Academicians' Perspective on the Challenges Facing Higher Education in Turkey**
Tuncay Bayrak, Fahrettin Öztürk
- OP-160 **Perception of Students Towards Lecturers Teaching Engineering Courses with Industry Experience: A Case Study in Malaysia Technical Universities**
Kartina Johan
- OP-161 **MALL Revisited: Current Trends and Pedagogical Implications**
Derya Bozdoğan

16:30 - 17:40 SESSION 3 HALL 8

Chairman: *Zawawi Daud*

- OP-180 **The Investigation of the Effects of Plasma Treatment on the Dyeing Properties of Polyester/Viscose Nonwoven Fabrics**
Şeyda Canbolat, Dilek Kut, Mehmet Kılınç
- OP-181 **The Evaluation with Statistical Analyses of the Effect of Different Storage Condition and Type of Gas on the Properties of Plasma Treated Cotton Fabrics**
Mehmet Kilinc, Seyda Canbolat, Can Eyupoglu, Dilek Kut
- OP-182 **Oil Palm Leaf and Corn Stalk – Mechanical Properties and Surface Characterization**
Zawawi Daud, Halizah Awang, Ab Aziz Abdul Latiff, Mohd Zainuri Mohd Hatta, Mohd Baharudin Ridzuan, Angzaz Sari Mohd Kassim
- OP-183 **Investigation of the Colour, Fastness and Antimicrobial Properties of Wool Fabrics Dyed with the Natural Dye Extracted from the Cone of Chamaecyparis Lawsoniana**
Mehmet Kılınç, Şeyda Canbolat, Nigar Merdan, Habip Dayioğlu, Filiz Akın
- OP-184 **Shape-Memory Applications in Textile Design**
Mustafa Oğuz Gök, Mehmet Zahit Bilir, Banu Hatice Gürcüm

16:30 - 17:40 SESSION 3 HALL 9

Chairman: *Muzaffer Yaşar*

- OP-204 **The Effect of Dyeing Properties of Fixing Agent and Plasma Treatment on Silk Fabric Dyed with Natural Dye Extract Obtained from Sambucus Ebulus L. Plant**
Habip Dayioğlu, Dilek Kut, Nigar Merdan, Seyda Canbolat
- OP-205 **The Effect of Surfactants on the Efficiency of Lead Acid Batteries**
Bounoughaz Moussa, Boudieb Naima
- OP-206 **Preparation and Characterization of Chitosan/ Polypyrrole/ Sepiolite Nanocomposites**
Sevinc Sezin Tarımsal Gülmen, Esin Ateş Güvel, Nilgün Kızılcın
- OP-207 **The Synthesis of Biodiesel from Vegetable Oil**
Radia Selaimia, Abdelsalem Beghiel, Rabah Oumeddour
- OP-208 **Cd(Cl₃)- vs (CdCl₄)²⁻ in Hybrid Materials**
Siham Boufas, Nacira Mohamedi, Patricia Bénard Rocherullé, Thierry Roisnel

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HALL 1

Chairman: *Murat Yalçıntaş*

- OP-019 **Operational Improvements in the Assembly Process of Lead Cable by Using New Methods**
Mehmet Alper Sofuoğlu, Selim Gürgen, Fatih Hayati Çakır, Melih Cemal Kuşhan
- OP-020 **STARMA Models Estimation with Kalman Filter: The Case of Regional Bank Deposits**
Serkan Kurt, Kaşif Batu Tunay
- OP-021 **Numerical Study of the Dispersion Properties of an X-band Backward Wave Oscillator with Rectangularly Rippled Wall Resonator**
Ruhul Amin, Rakibul Hasan Sagor, Ghulam Saber
- OP-022 **Dimension Optimization of Microstrip Patch Antenna in X/Ku Band via Artificial Neural Network**
Umut Özkaya, Levent Seyfi
- OP-023 **High Efficiency Single Phase Switched Capacitor AC to DC Step Down Converter**
Golam Sarowar, Ashraful Hoque
- OP-024 **A Novel Control Scheme for Buck-Boost DC to AC Converter for Variable Frequency Applications**
Golam Sarowar, Mohammad Ali Choudhury, Ashraful Hoque

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HALL 2

Chairman: *Mehmet Adak*

- OP-042 **The Effects of Foreign Direct Investment on R&D and Innovations: Panel Data Analysis for Developing Countries**
Leman Erdal, İsmet Göçer
- OP-043 **Determinants of R&D Investment Decision in Turkey**
Ömer Limanlı
- OP-044 **Innovation and Crisis: An Analysis of its Impact on Greek Patenting Activity**
Maria Markatou, Apostolos Vetsikas
- OP-045 **Innovation and the Effect of Research and Development (R&D) Expenditure on Growth in Some Developing and Developed Countries**
Burçay Yaşar Akçalı, Elçin Şişmanoğlu
- OP-046 **Technological Progress, Innovation and Economic Growth, The Case of Turkey**
Mehmet Adak
- OP-047 **Intensity of Business Enterprise Research and Development Expenditure and High-Tech Specification in European Manufacturing Sector**
Özcan Karahan, Lütfi Yalçın

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HALL 3

Chairman: *Ali Akdemir*

- OP-064 **Finite Element Modelling of Ultrasonic Assisted Turning of Ti6Al4 Alloy**
Fatih Hayati Çakır, Osman Nuri Çelik, Melih Cemal Kuşhan, Selim Gürgen, Mehmet Alper Sofuoğlu
- OP-065 **Experimental Study of Effects of Ultrasonic Waves on Heat Distribution in Gaseous Medium**
Mehmet Köprü, Elif Orhan, Sema Bilge Ocak
- OP-066 **A Microstrip Patch Antenna Design for Breast Cancer Detection**
Rabia Çalışkan, Seyfettin Sinan Gültekin, Dilek Uzer, Özgür Dündar
- OP-067 **Examination of Surface Tracking on Polyurethane Foam Insulators**
İbrahim Güneş
- OP-068 **Technology Acceptance in Health Care: An Integrative Review of Predictive Factors and Intervention Programs**
Nuray Öner Gücin, H. Özlem Sertel Berk
- OP-069 **An Enterprise Systems Model to Deliver Innovation in the Healthcare Industry Based on Cognitive and Social-Tech Engineering**
Harpreet Singh, Ardavan Amini, Luis Hernandez Munoz

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HALL 4

Chairman: *Rifat Kamaşak*

OP-088 Literature Search Consisting of the Areas of Six Sigma's Usage
Ali Erdoğan, Hacer Canatan

OP-089 What Could Entrepreneurship do for Sustainable Development? A Corporate Social Responsibility-Based Approach
Necla Oyku Iyigun

OP-090 System Thinking Approach in Solving Problems of Technology Transfer Process
Juris Roberts Kalnins, Natalja Jarohnovich

OP-091 The Impact of External Collaborations on Firm Innovation Performance: Evidence from Turkey
Derya Fındık, Berna Beyhan

OP-092 Participatory New Product Development – A Framework for Truly Collaborative and Continuous Innovation Design
Baskan Yenicioglu, Ahmet Suerdem

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HALL 5

Chairman: *Turhan Koyuncu*

OP-112 Energy Efficiency in Backbone Networks
Can Eyupoglu, Muhammed Ali Aydin

OP-113 An Investigation on the Parameters That Affect the Performance of Hydrogen Fuel Cell
Aysel Ersoy Yilmaz, Mehmet Murat İspirli

OP-114 Power Quality Measurement and Evaluation of a Wind Farm Connected to Distribution Grid
Hakan Açıkgoz, Ökkeş Fatih Keçecioglu, Ceyhan Yıldız, Mustafa Şekeli

OP-115 Thermal Performance of a Domestic Chromium Solar Water Collector with Phase Change Material
Turhan Koyuncu, Fuat Lüle

OP-116 Agarwood Oil Yield as a Result of Changes in Cell Morphology Due to Soaking Process
Veronica Alexander Jok, Nurhaslina Che Radzi, Ku Halim Ku Hamid

OP-117 The Impact of the Solar Irradiation, Collector and the Receiver to the Receiver Losses in Parabolic Dish System
Rosnani Affandi, Mohd Ruddin Ab Ghani, Chin Kim Ghan, Liaw Geok Pheng

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Chairman: *Seyfettin Erdoğan*

OP-136 The Relationship Between Research & Development Expenditures and Economic Growth: The Case of Turkey
Kadir Tuna, Emir Kayacan, Hakan Bektaş

OP-137 Export Performance of Central and Eastern European Countries. Macro and Micro Fundamentals
Ana Maria Cazacu (Bancu)

OP-138 Economic Complexity and Export Competitiveness: The Case of Turkey
Birol Erkan, Elif Yildirimci

OP-139 Knowledge Spillovers, Absorptive Capacities and the Impact of FDI on Economic Growth: Empirical Evidence From Transition Economies
Sabina Silajdzic, Eldin Mehic

OP-140 The Influence of Green Trust, Green Self-Efficacy and Household Economy Towards Buying Green Behavior in Malaysia
Nennie Trianna Rosli, Fauziah Sheikh Ahmad, Sha'azim Ibhaiddullah Dadameah

OP-141 Building Knowledge- Based Entrepreneurship Ecosystems: Case of Iran
Yagoub Entezari

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HALL 7

Chairman: *Majlinda Nuhii*

OP-162 **Entrepreneurial Mindsets for Innovative Brand Development: Case Studies in Jewelry Education**
Kageporn Wongpreedee, Amonmat Kiratisin, Pornngarm Virutamasen

OP-163 **The Example-Problem-Based Learning Model: Applying Cognitive Load Theory**
Noor Hisham Jalani, Lai Chee Sern

OP-164 **Managing Diversity in Higher Education: USAFA Case**
İsmail Meric, Mustafa Er

OP-165 **Assessment of TEOG (Transition From Basic to Secondary Education) Examination Success: Topsis Multi-Criteria Decision-Making Method Practice**
Elif Haykır Hobikoğlu

OP-166 **"Ambiguity in English and Albanian Sentences"**
Majlinda Nuhii, Suzana Ejupi

OP-167 **Linking Transformational Leadership to Work Engagement and the Mediator Effect of Job Autonomy: A Study in a Turkish Private Non-Profit University**
Izlem Gozukara, Omer Faruk Simsek

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HALL 8

Chairman: *Abdullah Demir*

OP-185 **Multi Response Optimization of Turning Operation with Self-Propelled Rotary Tool (SPRT)**
Selim Gürgeç, Mehmet Alper Sofuoğlu, Fatih Hayati Çakır, Sezcan Orak, Melih Cemal Kuşhan

OP-186 **Application of Ohmic Heating System in Meat Thawing**
Duygu Balpetek, Umit Gurbuz

OP-187 **Effect of Inlet Temperature on Pineapple Powder and Banana Milk Powder**
Siti Noor Suzila Maqsood Ul Haque

OP-188 **Hydrology Properties and Water Quality Assessment of the Sembrong Dam, Johor, Malaysia**
Halizah Awang, Zawawi Daud, Mohd Zainuri Mohd Hatta

OP-189 **Investigation of Air Quality in the Underground and Aboveground Multi-Storey Car Parks in Terms of Exhaust Emissions**
Abdullah Demir

OP-190 **Application of Finite Element Method to Determine the Performances of a Line Start Permanent Magnet Synchronous Motor**
Seda Küll, Osman Bilgin

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HALL 9

Chairman: *Arzu İmren*

OP-209 **Chemical Shifts of K α and K β 1,3 X-Ray Emission Spectra for Oxygen Compounds of Ti, Cr, Fe, Co, Cu with WDXRF**
Elif Boydaş, Elif Orhan, Mustafa Gökcalp Boydaş, Esra Cömert

OP-210 **Dielectric Properties of Al/Poly(Methyl Methacrylate)(PMMA)/P-Si Organic Schottky Devices**
Gonca Aras, Elif Orhan, Akil Birkan Selçuk, Sema Bilge Ocak, Mehmet Ertuğrul

OP-211 **EPR Study of Cr³⁺ Ions in AlF₃ Amorphous at X-Band Frequency and Versus Temperature**
Latelli Hmida

OP-212 **Neutron Shielding Properties of Concretes Containing Boron Carbide and Ferro - Boron**
Demet Sariyer, Rahmi Küçer, Nermin Küçer

OP-213 **The Optical Properties of Cigs Thin Films Derived by Sol-Gel Dip Coating Process at Different Withdrawal Speed**
Utku Canci Matur, Utku Canci Matur, Şengül Akyol, Nilgün Baydoğan, Hüseyin Çimenoglu

OP-214 **Created with Crystallized on Acesulfame of Metal Complexes [Mn(acs)₂(H₂O)₄] Single Crystal Examination EPR**
Mehpeyker Kocakoç, Recep Tapramaz

OP-215 **Two Qutrit System for Controlled CNOT (Cnote) Gateway**
Mehpeyker Kocakoç, Recep Tapramaz