

Conference Program

Place: TITANIC BUSINESS BAYRAMPAŞA

For any of your queries during the conference days please call +90 539 247 48 17

Date: 12 September, 2015		
TITLE		PLACE
Registration: 9:15-9:45		PORTO-II HALL
Opening Speech: 9:50-10:00		
Keynote Talk: 10:00-10:25		PORTO-II HALL
Keynote Speaker: Prof. Dr. Metin Ger, Istanbul Aydin University		
Start of the parallel sessions: 10:30		
Session-1: 10:30-17:20		PORTO-II HALL
Session -2: 10:30-17:55		PORTO-I HALL

Date: 13 September, 2015	
Istanbul Tour and Lunch: 8:30-17:00	
Meeting place: Titanic hotel	
Includes the visiting of the places, Suleymaniye Mosque, Blue Mosque and the square, Old Hippodrome square, Sophia Museum, Boat trip, Spice Bazaar	

<p>The address of the conference place can be reached from the link below http://www.titanic.com.tr/titanicbusinessbayrampasa/default-en.html</p>

SESSION-I**PLACE: PORTO-II HALL****DATE: 12 SEPT. 2015****Meeting-1: 10:30-12:30 Chair: SCOOP Place: PORTO-II HALL**

1) 10:30-10:50

Magnetic Developments and Urban Growth: Urban Design Lessons from LAUTECH Neighbourhoods, Ogbomoso, Nigeria

Joseph Adeniran Adedeji, Joseph Akinlabi Fadamiro

Department of Architecture, Federal University of Technology Akure, Nigeria

2) 10:50-11:10

Framework for Assessing the Indoor Environmental Quality for Educational Buildings using BIM

Ibrahim A. Al-Sulaihi, Khalid S. Al-Gahtani, Abdullah M. Alsugair, Ibrahim Tijani

Civil Engineering Department, College of Engineering, King Saud University Riyadh, Kingdom of Saudi Arabia

3) 11:10-11:30

Bushfires and its implication on water supplies in Victoria, Australia

Muhammed A Bhuiyan, Nira Jayasuriya, Michael J Schneider

School of Civil, Environmental and Chemical Engineering, RMIT University, Melbourne, Australia

4) 11:30-11:50

Interference Effects on Octagonal Plan Shaped Tall building under Wind - A Case Study

Sujit Kumar Dalui, Rony Kar, Sourav Hajra

Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, India

5) 11:50-12:10

Home Gardens and Quality of Life in Akure, Nigeria

Joseph Akinlabi Fadamiro, Joseph Adeniran Adedeji

Department of Architecture, Federal University of Technology, Akure, Nigeria

6) 12:10-12:30

Performance Assessment Of Low-Order Versus High-Order Numerical Schemes In The Numerical Simulation Of Aquifer Flow

A. A. Ameli¹, M. J. Abedini²

1. Dept. of Civil and Environmental Engineering, University of Waterloo, Waterloo, Ontario, Canada

2. Dept. of Civil and Environmental Engineering, Shiraz University, Shiraz, Iran

Lunch Break 12:30-13:30

Meeting-2: 13:30-14:50

Chair: Marwan Halabi

Place: PORTO-II HALL

7) 13:30-13:50

The Sagrada Família: The Starting Point of CAD/CAM in Architecture

Marwan Halabi

Faculty of Architectural Engineering, Beirut Arab University, Beirut, Lebanon

8) 13:50-14:10

Effect of Powdery Waste Tire on Permeability of Kaolin

Ali Arefnia¹, Khairul Anuar Bin Kassim²

1. Geotechnical Engineering Department, Universiti Teknologi Malaysia (UTM), Malaysia

2. Civil Engineering Faculty, Universiti Teknologi Malaysia (UTM), Malaysia

9) 14:10-14:30

Experimental Study Of Scour Depth In Attracting Groins Series

S. Amini¹, M.R. Kavianpour², M.R. .M. Tabatabai³, S. Amini⁴, K. Amini⁵

1. Water Engineering, Shahid Beheshty University

2. K.N. Toosi University of Technology

3. Shahid Beheshty University

4. Water Engineering, Islamic Azad University

5. Aras Omran Company, Iran

10) 14:30-14:50

Identification of earthquake ground motion using site effects analysis in the case of Serres city, Greece

Emmanouil Kirtas¹, Panagiotis Koliopoulos¹, Giorgos Panagopoulos¹, Errikos Mouratidis¹, Isaam Sous¹, Andreas Kappos², Nikolaos Theodoulidis³, Alexandros Savvaidis³, Basil Margaris³, Emmanouil Rovithis³

1. Department of Civil Engineering, Technological Educational Institute of Central Macedonia, Serres, Greece

2. Department of Civil Engineering, Aristotle University of Thessaloniki, Thessaloniki, Greece

3. Institute of Engineering Seismology and Earthquake Engineering, EPPO-ITSAK, Thessaloniki, Greece

14:50-15:05 Coffee Break

Meeting-3: 15:05-16:05

Chair: Marwan Halabi

Place: PORTO-II HALL

11) 15:05-15:25

The Impact Of Element Stiffness On Reliability Of Reinforced Concrete Structures

Ivana Klaric

Faculty of Politehnic, Zenica, BiH

12) 15:25-15:45

Environmental Benefits by Slag Use in Transportation Projects
Athanasopoulou A. , Kollaros G.
Dept. Civil Engineers, Democritus University of Thrace, Xanthi, Greece

13) 15:45-16:05

Roadside Vegetation and Traffic-island Planting Management
Kollarou V., Kollaros G., Athanasopoulou, A
Dept. Civil Engineers, Democritus University of Thrace, Xanthi, Greece

16:05-16:20 Coffee Break:

Meeting-4: 16:20-17:20 Chair: Georgios Kollaros Place: PORTO-II HALL

14) 16:20-16:40

Estimating the Effect of Idling Stops on Energy Saving and Carbon Reduction at Signalized Intersection
Jiann-Sheng Wu¹, Wen-Chien Hsieh²
1. Department of Civil Engineering, National Central University, Taiwan 320, R.O.C.
2. Department of Civil Engineering, National Central University, Taiwan 320, R.O.C.

15) 16:40-17:00

Improving the algorithm for nonlinear analysis in the program FANADA
Michal Krchnak, Milan Sokol
Department of Structural Mechanics, Slovak University of Technology in Bratislava, Slovakia

16) 17:00-17:20

Close Range Angles Deformation Monitoring by Telescope Camera of Total Station MS50 Using Automatic Detection of Coded Targets
Yueyin Zhou¹, Andreas Wagner², Thomas Wunderlich², Peter Wasmeier²,
1. College of Surveying and Geo-Informatics , Tongji University , Shanghai, China
2. Chair of Geodesy, Technische Universität München, München, Deutschland

SESSION-2**PLACE: PORTO-I HALL****DATE: 12 SEPT. 2015****Meeting-1: 10:30-12:30****Chair: Jae-Sung Bae****Place: PORTO-I HALL**

1) 10:30-10:45

Global Wavelets of Aircraft Noises Identified at Tripoli International Airport

Ezzeddin Elarbi, Saad Issa, Abdulhamid A. Ghmmam

Aeronautical Engineering Department Faculty of Engineering, University of Tripoli, Tripoli, Libya

2) 10:45-11:00

Wavelet Scalograms of Aircraft Noises at Tripoli Airport during Takeoff and Landing

Ezzeddin Elarbi, Aeronautical Engineering Department Faculty of Engineering, University of Tripoli, Tripoli, Libya

3) 11:00-11:20

Static and Dynamic Aeroelastic Analysis of a High Aspect Ratio Wing through CFD-CSD Coupled Method

Jae-Sung Bae

4) 11:20-11:40

Effect of Different Amount of Methylene Diphenyl Diisocyanate on Rigid Polyurethane Foams

Sinar Arzuria Adnan, Firuz Zainuddin, Yusrina Mat Daud, Sahrim Hj Ahmad, Nur Hidayah Ahmad Zaidi

Hazizan Md Akil, Sahrim Hj Ahmad

Universiti Malaysia Perlis

5) 11:40-12:00

Improved Efficiency Of Dye-Sensitized Solar Cells With Ag-Doped TiO₂ Nanostructured Films UsingDifferent TiCl₄ Solution Concentration

Bibi Rahnejat

Department of Engineering and Science, Sharif University of Technology-International Campus, Kish Island, Iran

6) 12:00-12:20

Generalized Thermoelasticity of Rotating Disk

Yasser Kiani, Mohammad Reza Eslami

Mechanical Engineering Department, Amirkabir University of Technology, Tehran, Iran

7) 12:20-12:40

Thermal Buckling of Joined Conical-Conical FGM Shells

Marjan Akbari, Mohammad Reza Eslami

Mechanical Engineering Department, Amirkabir University of Technology, Tehran, Iran

Lunch Break 12:40-13:30

Meeting-2: 13:30-14:50 **Chair:** Emel Evren-Selamet **Place:** PORTO-I HALL

7) 13:30-13:50

Dew Harvesting From Atmosphere to Supply Water from the Mid Heights in the West Bank of Palestine
Mohammad M. Kardeen, Mohammed W. Odeh
Mechanical Engineering Department, Birzeit University, Ramallah, Palestine

8) 13:50-14:10

Design of Chilled Ceiling Displacement Ventilation for Direct Expansion HVAC System
Daniel M. Madyira, Abdullah Kaymakci
Mechanical Engineering Science Dept., University of Johannesburg , Johannesburg, South Africa

9) 14:10-14:30

Determining Optimum Parameters for Manual Compaction of Loose Biomass
Daniel M. Madyira, Abdullah Kaymakci
Mechanical Engineering Science Dept., University of Johannesburg , Johannesburg, South Africa

10) 14:30-14:50

A Comparative Study Of Mixing Technique For Nanocomposite Filled Geopolymer
Yusrina Mat Daud, Kamarudin Hussin, Che Mohd Ruzaidi Ghazali, Azlin Fazlina Osman, Mohd Mustafa Al Bakri Abdullah, Sinar Arzuria Adnan, Nurhidayah Ahmad Zaidi
School of Materials Engineering, Universiti Malaysia Perlis, Jejawi, Perlis, Malaysia

14:50-15:05 Coffee Break

Meeting-3: 15:05-16:25 **Chair:** Hisham Shehata **Place:** PORTO-I HALL

11) 15:05-15:25

Simulation of Rayleigh-Benard Convection In a Flipped L-Shaped Enclosure
Emel Evren-Selamet¹, Ahmet Selamet²
1. The Center for Automotive Research, The Ohio State University, Columbus, OH, USA
2. Mechanical & Aerospace Engineering, The Ohio State University, Columbus, OH, USA

12) 15:25-15:45

Design Assessment Methodologies of an Advanced Twin Jet-Airliner
Hisham Shehata
Mechanical Engineering Department, Australian College of Kuwait, Mishref, Kuwait

13) 15:45-16:05

Design And Implementation Of An IT Network Architecture In A Nuclear Power Plant
Krisztina Fórika Tibenszkyné
Institute of Mechatronics & Vehicle Engineering, Óbuda University, Budapest Hungary

14) 16:05-16:25

Numerical Study of Effects of Gas Diffusion Layer Porosity Variation on Performance of PEM Fuel Cell
S. M. Abbaspour, H. Shokoohmand
Mechanical Engineering, Faculty of Engineering, University of Tehran, Tehran, Iran

16:25-16:35 Coffee Break

Meeting-4: 16:35-17:55 **Chair:** Abdullah Kaymakci **Place:** PORTO-I HALL

15) 16:35-16:55

Densities And Viscosities Of Aqueous Ternary Mixtures Of 2-Amino-2-Methyl-1-Propanol With Ethylenediamine From 303.15 To 343.15 K

Regina V. Entrolizo, Meng-Hui Li

R&D Center for Membrane Technology and Department of Chemical Engineering, Chung Yuan Christian University, Taiwan, ROC

16) 16:55-17:15

A Modified Preventive Maintenance Model with Failure Rate Reduction under Warranty Consideration

Chun-Yuan Cheng, Jr-Tzung Chen, Te-Hsiu Sun, Mei-Ling Liu

Department of Industrial Engineering and Management, Chaoyang University of Technology, Taichung City, Taiwan, R.O.C

17) 17:15-17:35

A Novel Feature Recognition Solution For Design & Process Planning Integration Based on IGES Data Structure

Mahmoud Houshmand¹, Omid Fatahi Valilai¹, Reza Ghasemi²

1. Department of Industrial Engineering, Sharif University of Technology, Tehran, Iran

2. Department of Industrial Engineering, Mazandaran, University of Science and Technology, Mazandaran, Iran

18) 17:35-17:55

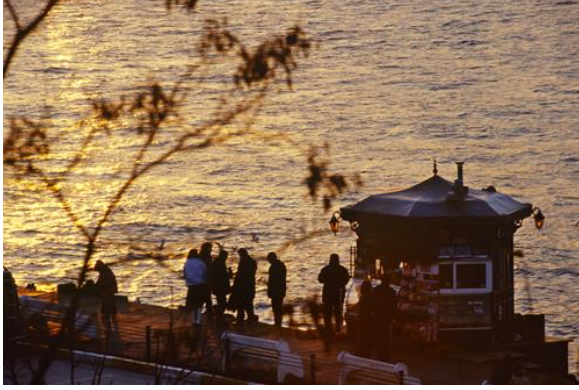
A Transferable E-Cash Payment System Based on a Profitable Model

Fuw-Yi Yang¹, Su-Hui Chiu², Chih-Wei Hsu¹

1. Computer Science and Information Engineering Department, Chaoyang University of Technology, Taichung, Taiwan

2. Office of Accounting, Chaoyang University of Technology, Taichung, Taiwan

İSTANBUL TOURS



Program

- Taking our guests from Titanic Hotel (08:30)
- Suleymaniye Grand Mosque (09: 00-11:00)
- Blue Mosque and the square (12:30- 13:00)
- Lunch (13:15-14:00)
- Old Hippodrome square (14:00-14:15)
- Hagia Sophia Museum (14 : 15-14:45)
- Spice Bazaar (Optional) (14:45-15:30)
- Bosphorus Tour (15:30-17:00)
- Return to Hotel

Services included

- Private Professional Guide
- 1 lunch
- Group private boat
- Headset
- Museums entries