

## II. Global Conference on Engineering and Technology Management

"Achieving Sustainable Growth through Engineering and Technology Management"

September 4 - 5, 2015

Embassy Suffes Chieago Downtown Chieago, IL, USA

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## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

Welcome Message from Conference Chair



Fethi CALISIR, PhD

Dean, Management Faculty

Istanbul Technical University, TURKEY

On behalf of the GCETM 2015 Organizing Committee, I welcome you to the GCETM 2015 in Chicago, Illinois, USA. The GCETM 2015 will be a forum for academics, managers and solution providers, which brings together researchers and practitioners from all over the world, promoting opportunities to share experiences, debate ideas, identify tendencies, and introduce the latest developments in the largely multidisciplinary field of Engineering & Technology Management. This will be accomplished through the following three modes of communication: keynote presentations, parallel sessions, and a poster session. This is especially important since this field can largely benefit from increased collaboration.

Companies are under severe pressure to find pioneering ways to both maximize revenue and reduce costs. High cost bases and inefficient, inflexible operations are no longer acceptable. Managers are in doubt as to whether their organizations are prepared to meet ever-increasing expectations for sustainable growth as they continue to deal with the challenges of the global business environment. Used appropriately as a major performance lever, engineering and technology management programs can help organizations achieve an acceptable level of sustainable growth. This conference will shed light into engineering and technology management techniques and practices that may help organizations in their quest to achieve sustainable growth. We have a great program and fantastic keynote speakers this year. The participants will receive a wide range of perspectives of industrial and scientific approaches and out of academia knowledge from our esteemed keynote speakers.

The GCETM 2015 will take place from September 4th to September 5th at Embassy Suites Chicago-Downtown Hotel in Chicago. Chicago is a unique multicultural city located on the shores of Lake Michigan with easy access through two international airports and railroads. It is the heart and soul of the Midwest. Chicago is rich in history, traditions, culture, sport, music, international cuisine, attractions, and shopping. This beautiful city is home to nearly 3 million people, and from 4 to 5 September 2015, will also be home to the 2nd GCETM - GCETM 2015.

I would like to welcome you to the GCETM 2015 and wish you a wonderful time in Chicago!

Best regards.

Fethi CALISIR, Ph.D.

Conference Chair



## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

Keynote Speaker - I



Victoria Jordan, PhD
Executive Director, Strategic Management and Systems Engineering
MD Anderson Cancer Center, USA

04 September 2015 - River North CD

Strategic Planning and Management in Healthcare

#### Abstract

In health care, there is a tendency to try to "work on everything". In reality, we have limited resources and to be successful, leadership has to make "difficult decisions" and set priorities. In this presentation, Dr. Jordan will share the journey that the UT MD Anderson Cancer Center has initiated in defining a strategic plan that is aligned, resourced, and actionable. Learn how focus areas were defined and then cascaded into goals, objectives, and action plans using a catch-ball method with faculty and all stakeholders. Recognize the complexities of aligning goals with the budgetary, facilities planning, and performance and incentive planning efforts. Discover the supporting structures that had to be put in place to assure leadership, communication, coordination, and momentum. Taking a strategic plan from a "book on a shelf" to a way of leading an organization is the subject of this keynote address.



## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

Keynote Speaker - II



Mark Harris
President & CEO
Illinois Science & Technology Coalition (ISTC), USA

04 September 2015 - River North CD

Driving Research and Tech Innovation as an Intermediary Organization

#### Abstract

The Illinois Science and Technology Coalition (ISTC) is a nonprofit, member-driven organization that harnesses the power of research and innovation to expand and enrich the state's economy. Created by the State of Illinois 25+ years ago, ISTC forges public-private partnerships among industry, research institutions, federal labs, and government to increase investments in research and technology, develop talent, promote awareness and policies, and drive job growth in Illinois.

With a highly diverse economy, world-class logistics, the global headquarters of 33 Fortune 500 companies, and a vibrant entrepreneurial community, Illinois' knowledge economy connects cutting-edge research and a highly skilled workforce to turn ideas into new products and companies. Our legacy of innovation includes the cell phone, the ultrasound, the light-emitting diode (LED), the web browser, and game-changing medications. As an intermediary organization for the Illinois innovation economy, the ISTC serves as an impartial convener and broker around federal grant opportunities and other partnerships, catalyzes new initiatives that fill gaps in Illinois' research and innovation pipeline, and champions the state's tech economy through advocacy and data-driven reporting.

The ISTC also runs the Illinois Corporate-Startup Challenge, a program that accelerates corporate innovation through highly curated engagement with entrepreneurs, disrupters and emerging-growth companies. Developed in 2013, the program assembles a class of Fortune 1000 corporations on a semiannual basis to facilitate impactful partnerships with the startups and early stage/emerging businesses that will power it through the 21st century. Participating corporations start by identifying their unique innovation needs - from data analytics and sensor technologies to energy/power management and app development. Then, the ISTC curates and vets potential partners through a statewide network of more than 50 referral partners, including research universities, tech parks, incubators/accelerators, and the angel/venture community. The process culminates in private demo day showcases where corporations select 8-12 startups to present to the executive suite (CMO, CTO, CIO, Venture group, etc) to determine opportunities to collaborate.

To date, 102 startups have presented at twelve corporate demo days (Allstate, Walgreens, John Deere, Molex, Motorola Mobility, Exelon, ADM, Hyatt Corporation, Microsoft, State Farm, UL, and Danfoss). Of these, 68 have forged connections with one or more of the corporate partners, with at least 50 currently exploring mentorship, joint development agreements/pilot engagements, strategic partnerships, contracts, or investment opportunities. Meanwhile, corporate partners have accelerated their own new products, services, and business competitiveness by gaining insight into the entrepreneurial community's brightest innovations.



#### GCETM 2015 I Global Conference on Enginee

## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

Keynote Speaker - III



Ann P. Kalayil, PhD
Regional Administrator
Great Lakes Region, GSA, USA

05 September 2015 - River North CD

How GSA is Using Technology to Build a Sustainable Government

#### Abstract

The US General Services Administration (GSA) is responsible for delivering the best value in real estate, acquisition and technology services to government. As an agency that manages 354 million square feet of federal space within 9,600 federally owned or leased buildings, GSA plays a significant role in helping government reduce its environmental footprint. Presidential Executive Order 13693 has mandated all Federal Executive Branch Agencies to increase energy efficiency, reduce fleet petroleum consumption, conserve water, reduce waste, support sustainable communities, and leverage the Federal purchasing power to promote environmentally-responsible products and technologies. Because the Great Lakes Region spans across six states, GSA has many opportunities to leverage its resources to support and enhance the economic viability of the communities where we live and serve. This presentation of the US General Services Administration's Great Lakes Region Strategic Sustainability Plan 2025 is the agency's roadmap to "greening" our federal buildings, workplaces, transportation, and supply chain. The presentation will illustrate how GSA relies on technology to reduce energy consumption, increase waste diversion, reduce water consumption, and reduce our overall carbon footprint. Examples of the use of advanced metering, a Fault Detection Diagnosis analytics platform, LED lighting, sensor based controls for irrigation systems and use of cloud infrastructure among other advanced technologies, will show that GSA is on the forefront of sustainability enhancing technologies. GSA's Green Proving Ground promotes green technology innovation through partnerships with the industry and academia.



## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

Keynote Speaker - IV



Fady A. Harfoush, PhD
Director & Clinical Lecturer
Loyola University, Quinlan School of Business, USA

05 September 2015 - River North CD

#### From Big Bang to Big Data

#### Abstract

In the last two years more data is created than in the entire world history. The rate continues to grow at a very rapid pace. The landscape is changing, and we are witnessing a major paradigm shift, greater than the introduction of the internet. Every aspect of our lives, from facial recognition to wearable health monitoring to geospatial location, are captured and analyzed in almost real-time. While some are busy recreating the big bang moment thought to be when the world was first created, others are analyzing big data to predict the future and to shape a new world. In the not so distant future driverless cars will be travelling the highways, drones will be circulating the space, learning machines will be diagnosing our health, and robots will be serving our meals. Access to technology is getting easier and cheaper. The big technology divide is giving away to the big data divide. Many in industry are discovering the competitive edge is not access to the data. It is rather how to extract the actionable insights from the vast amount of data, and do it in almost real-time. As we succumb to this new reality, we are challenged to enhance our creativity, to explore new frontiers, and to insure we have a healthy growing and sustainable environment. With many working to adapt to the rapidly evolving landscape, academic institutions are no less spared the burden. Old methods of teaching are being revised. Knowledge is now freely available and in abundance. The question is not anymore what knowledge one acquires but rather what one can do with that knowledge. Critical thinking, quick decision making, inquisitive mind, innovative and entrepreneurial approach to problem solving, and emphasis on applied learning are the new requirements. Open source, open data, and open learning platforms are creating a global ecosystem for collaboration and for learning. The opportunities are enormous, the competition is fierce, and there is no room for mediocracy. As we confront this massive information explosion we ought to be mindful of the careful balance that allows for a sustainable growth, and where humans and machines can coexist in harmony.

The speaker will share valuable insights stemming from his own experience interconnecting engineering, science, research, entrepreneurship, innovation, and academia.



## II. Global Conference on Engineering and Technology Management

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#### 04 September 2015, Friday

08:00-17:00 Registration

08:15-08:30 Welcome Address by Fethi Calisir

River North AB

08:30-09:30 Keynote Session I

Room:

River North CD

Victoria Jordan, PhD, MBA, MS

Executive Director, Strategic Management and Systems Engineering MD Anderson Cancer Center, USA

Title: "Strategic Planning and Management in Healthcare"

09:30-10:30		Parallel Session   Session Chair: Rifat Gorener	
Riv	Room: ver North AB		y Management in Service Industries
ID: 36	How to Assign Fleet T Turkey	ypes to Flight Legs? A Case Study in	Gulsah Hancerliogullari (Istanbul Bilgi University) Baret Tokatlioglu (Istanbul Bilgi University) Emrah Koksalmis (Istanbul Technical University)
ID: 53	The Optimization of Drivers in Bus Rapid Transit System: A Case for Istanbul Metrobus System		Ali Unal (TUBITAK TUSSIDE) Murat Cal (TUBITAK TUSSIDE) Fahrettin Eldemir (Yildiz Technical University) Ramazan Ciftci (IETT Public Transportation Directorate)
ID: 106	Istanbul's BRT Trip Destination Estimation and Validation		Fahrettin Eldemir (Yildiz Technical University) Murat Akad (Istanbul University) Aydin Deli (TUBITAK)

09:30-10:30		Parallel Session II	
		Session Chair: H	atice Camgoz Akdag
Room: River North CD		Human Resources	
ID: 91		onality Traits on Job Stress, Job over Intention among IT Professionals in	Cigdem Altin Gumussoy (Istanbul Technical University)
ID: 101	Influence of Rewarding on Relationship Between Employee Involvement and Job Satisfaction		Ozlem Araci (Istanbul Technical University) Cahit Ali Bayraktar (Istanbul Technical University) Gaye Karacay (Istanbul Technical University) Fethi Calisir (Istanbul Technical University)
ID: 97	Creation of a Mentoria Industrial Engineers	ng Program for Improving Education of	Maria da Glória Diniz de Almeida (Rio de Janeiro State University) Andreia Maria Pedro Salgado (São Paulo State University) Gessica Naira Diniz Baront (Rio de Janeiro State University)



#### GCETM 2015 Conference on Engineering a

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#### 04 September 2015, Friday

10:30-11:00 Break - Pre-Function Area

11:00-12:00 Paralle		Parallel Session Cha	ì <b>   </b> ir: Cem Karacal
Riv	Room: ver North AB	Healthcare Systems	and Management
ID: 65	Investigating the Link Between Obesity and Diabetes Using Math Models and Simulation Optimization (Time Course Study)		Sakineh Esmaeili (Southern Illinois University) Guim Kwon (Southern Illinois University) H. Felix Lee (Southern Illinois University) Hoo Sang Ko(Southern Illinois University)
ID: 66	Using Barell Matrix and Machine Learning Methods to Automatically Assign ICD-9-CM Diagnostic Codes Based on Injury Narratives		Gaurav Nanda (Purdue University) Mark Lehto (Purdue University)
ID: 69	A Modelling and Improvement of Patient Flow Chart in a Breast Cancer Centre		Hatice Camgoz Akdag (Istanbul Technical University)  Duygu Arsoy-Ilikan (Istanbul Technical University)

11:00-12:00		Parallel Session IV  Session Chair: Gulsah Hancerliogullari		
Riv	Room: Technology and Knowledge Management River North CD			
ID: 11	An Empirical Performance Evaluation of Different Customer Segmentation Approaches Based on RFM and Demographics Analysis		Alp Ustundag (Istanbul Technical University) Peiman A. Sarvari (Istanbul Technical University)	
ID: 29	Intellectual Capital and Firm Performance in Turkish Manufacturing Sector		Murat Baskak (Istanbul Technical University) Ayse Elvan Bayraktaroglu (Istanbul Technical University) Fethi Calisir (Istanbul Technical University)	
ID: 75	Significance of Low-Frequency Words in Text Classification of Open-Ended Survey Responses		Hsin-Ying Huang (Purdue University) Mark R Lehto (Purdue University)	





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Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

04 September 2015, Friday

13:00-14:00 Keynote Session II

Room:

River North CD

Mark Harris

President & CEO, Illinois Science & Technology Coalition (ISTC), USA

Title: "Driving Research and Tech Innovation as an Intermediary Organization"

14:	Parallel Session V  Session Chair: Sule Itir Satoglu		
Room: River North AB		Supply Chain Management and Logistics	
ID: 13	Vertical Cooperation A	Alliance Structure for Competing Supply a Cap and Trade	Jianhua Ma (Shenzhen University) Ming Zhou (Shenzhen University) Zhimin Chen (Shenzhen University) Yanchun Pan (Shenzhen University) Wen Yang (Shenzhen University)
ID: 14	RFID Feasibility Study for Check-Out Stations at Retail Stores		Burak Onal (Southern Illinois University) Felix Lee (Southern Illinois University) Hoo Ko (Southern Illinois University)
ID: 30	ATP Model for Make-to-Order System with Uncertain Deman		Wen Yang (Shenzhen University) Zhimin Chen (Shenzhen University) Yanchun Pan (Shenzhen University) Ming Zhou (Shenzhen University) Jianhua Ma (Shenzhen University)

14:00-15:00		Parallel Session VI Session Chair: Lutfihak Alpkan	
Room: Technology and Knowledge Management River North CD			vledge Management
ID: 20	An Integrated Approach for RFID Implementation: A Case Study for RFID Based Tracing and Tracking System in Denim Product Production Industry		Mahir Oner (Istanbul Technical University) Alp Ustundag (Istanbul Technical University)
ID: 22	On the Data Management and Data Mining of Film and TV Drama Played On-Line		Yan Dong (Beijing Union University)

15:00-15:30 Break - Pre-Function Area



#### II. Global Conference on Engineering and Technology Management

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04 September 2015, Friday

15:	Poster Session				
	Room:				
Riv	er North AB				
ID: 7	Sustainability of the Electric Power Systems with Full Electric Vehicle Penetration in U.S. Automotive Market	JoRuetta Ellington (George Washington University) John Bischoff (George Washington University) Christopher Willy (George Washington University)			
ID: 10	Emergency Rescue Facilities Locating Based on Stochastic Programming Research by Considering the Seismic Intensity of Earthquake	Wenhao Xu (Tongji University) Guoping Cheng (Tongji University) Xianjun Guan (Tongji University)			
ID: 44	Model-Based System Engineering Assessment of Distributed Denial of Service Attacks	Kevin Walker (George Washington University) Christopher Willy (George Washington University) John Bischoff (George Washington University)			
ID: 92	Developing a Performance Evaluation System Based on Key Performance Indicators for Discrete Manufacturing Workshop	Zhancheng LI (Dalian University of Technology) Xiaobing Liu (Dalian University of Technology) Shangyuan Yu (Dalian University of Technology) Lu Jiang (Dalian University of Technology)			
ID: 93	Research on Safety and Quality Management System for Locomotive Products Based on Quality Traceability Theory	Zhancheng LI (Dalian University of Technology) Xiaobing Liu (Dalian University of Technology) Caihong Huang (Dalian University of Technology) Wen Li (Dalian University of Technology)			

16:00-16:40		Parallel Session Cha	ì <b>VII</b> ir: Ozlem Araci
Room: Managing Emerg			ing Technologies
ID: 18	ID: 18 Customer Acceptance of NFC Technology: An Exploratory Study in the Wine Industry		Romeo Bandinelli (University of Florence) Virginia Fani (University of Florence) Rinaldo Rinaldi (University of Florence)
ID: 77	Big Data: Big Rewards		Shamsul Chowdhury (Roosevelt University)

16:00-16:40		Parallel Session Chair	↑ <b>VIII</b> :: Basak Cetingu <i>c</i>
Room: River North CD		Project Mad	nagement
ID: 24	ID: 24 Is Coordination in New Product Development Projects Affected by Project Complexity?		Reda Lebcir (University of Hertfordshire)
ID: 59	A Hybrid AHP-Fuzzy TOPSIS Model for the Prioritization of Humanitarian Aid Activities Under Multiple Criteria		America R. Quinteros-Condoretty (Istanbul Technical University)  Israa' Y. Ismail (Istanbul Technical University)

18:30-19:30

Welcome Reception - River North CD



will be collected upon entering.



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Technology Management
04-05 September 2015 - Chicago, IL, USA
"Achieving Sustainable Growth through Engineering and Technology

Management"

05 September 2015, Saturday

08:00-17:00 Registration

08:30-09:30 Keynote Session III

Room:

River North CD

Ann P. Kalayil, PhD

Regional Administrator, Great Lakes Region, GSA, USA

Title: "How GSA is Using Technology to Build a Sustainable Government"

09:30-10:30		Parallel Session  Session Chair: Cig	ר IX gdem Altin Gumussoy
Room: Engineering Management River North AB			
ID: 21	Publication Trends in Energy Management		Basak Cetinguc (Istanbul Technical University) Fethi Calisir (Istanbul Technical University)
ID: 100	Comparison of Energy Strategy and Energy Consumption Forecasting of Turkey with OECD Countries		Beyzanur Cayir Ervural (Istanbul Technical University) Ramazan Evren (Istanbul Technical University) Omer F. Demirel (Istanbul Technical University)
ID: 111	The Short History of Turkey's Carbon Emission: Does Policy Metter?		Mine Isik (Istanbul Technical University) Gurkan Kumbaroglu (Bogazici University) Ilhan Or (Bogazici University)

O9:30-10:30  Parallel Session X  Session Chair: Alp Ustundag			
Room: Strategic Management River North CD			anagement
ID: 76	A New Perspective Fo Of Partnership Compe	r The Corporate Parthership: The Model etency Positioning	Cahit Ali Bayraktar (Istanbul Technical University) Murat Durucu (Istanbul Technical University)
ID: 52	Evaluation and Categorization of the Fishing Ports with a Fuzzy Spatial Multi Criteria Approach: The Case of Turkey		Ismail Onden (Okan University) Mesut Samasti (TUBITAK TUSSIDE) Fahrettin Eldemir (Yildiz Technical University) Abdullah Aktel (TUBITAK TUSSIDE)
ID: 81	Daily Variation of Stoo Asset Pricing Model	ck Prices and Anchoring with 4-State	Rifat Gorener (Roosevelt University) Sungho Choi (Chonnam University) Omer F Demirel (Istanbul Technical University) Gamze O Kaya(Bursa Orhangazi University)

10:30-11:00 Break - Pre-Function Area



#### GCETM 2015 bal Conference on Engineerin

## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

05 September 2015, Saturday

11:00-12:00		Parallel Session XI Session Chair: Gaye Karacay Aydin	
Room: Supply Chain Management and Logistics River North AB		gement and Logistics	
ID: 32	An Optimization Model for Order Quantity Allocation Under Random Supply Conditions		Zhancheng LI (Dalian University of Technology) Xiaobing Liu (Dalian University of Technology)
ID: 37	Improvement in Production Systems of Different Industries Using Lean Supply Chain Management		Musaab Zafer (Southern Illinois University) Emmanuel S. Eneyo (Southern Illinois University)
ID: 72	Comparison of Queue	Performances of Pull and Push Systems	Hakan Turan (TUBITAK TUSSIDE) Fahrettin Eldemir (Yildiz Technical University) Gokmen Turan (Asyaport)

11:0	00-12:00	Parallel Session XII Session Chair: Reda Lebcir		
Room: River North CD		Energy Management		
ID: 15	A Literature Survey on Energy Aware Manufacturing and Logistics Operations with a Lean Thinking Perspective		Sule Itir Satoglu (Istanbul Technical University) Emre Cevikcan (Istanbul Technical University) Serdar Baysan (Istanbul Technical University)	
ID: 82	Day-ahead Electricity Support Vector Machi	Price Forecasting Using a Wavelet- ne Conjunction Model	Gamze O Kaya (Bursa Orhangazi University) Omer F Demirel (Istanbul Technical University) Selim Zaim (Istanbul Technical University)	
ID: 99	A Strategic Energy Pla TOPSIS Methodology	nning for Turkey by Using ANP Weighted	Beyzanur Cayir Ervural (Istanbul Technical University) Selim Zaim (Istanbul Technical University) Zeynep Aydin (Istanbul Technical University) Omer F Demirel (Istanbul Technical University)	

12:00-13:00

Lunch Break - Atrium Back





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05 September 2015, Saturday

13:00-14:00

Keynote Session IV

Room:

River North CD

Fady A. Harfoush, PhD

Director & Clinical Lecturer, Loyola University Quinlan School of Business, USA

Title: "From Big Bang to Big Data"

14:00-15:00

#### Parallel Session XIII

Session Chair: Fahrettin Fldemin

	bession dian. I am ettin Elaemii				
Room: Healthcare Systems and Management River North AB					
ID: 3	Integration of Computer-Aided Diagnosis (CAD) Technologic to Assist Radiologists: Using of CAD Systems in Two Cases	Sinan Onal (Southern Illinois University)			
ID: 40	Artificial Pancreas Control Using Mobile Devices	Duygu Durak (Southern Illinois University) Hoo Sang Ko (Southern Illinois University) Guim Kwon (Southern Illinois University) H. Felix Lee (Southern Illinois University)			
ID: 41	A Design of Experiment and Simulation Experience in a Heal Care System	Gulsah Hancerliogullari (Istanbul Bilgi University) Kadir Oymen Hancerliogullari (Giresun University) Cansu Kandemir (Old Dominion University) Elnaz Dario (Old Dominion University)			

14:00-15:00

#### Parallel Session XIV

Session Chair: Shamsul Chowdhury

#### River North CD

#### Human Factors

	RIVE	er North CD			
ID: 90		The Role of Supportive Human Resource Practices in Employees' Affective Commitment	Gaye Karacay (Istanbul Technical University) Cahit Ali Bayraktar (Istanbul Technical University) Ozlem Araci (Istanbul Technical University) Fethi Calisir (Istanbul Technical University)		
ID: 107		Bibliometrics Study of Usability Engineering in Industrial Engineering	Murat Durucu (Istanbul Technical University) Fethi Calisir (Istanbul Technical University)		
	ID: 108	A Comparison of Facebook Experience for Different Demographic Groups	Levent Atahan (Istanbul Technical University) Fethi Calisir (Istanbul Technical University) Onur Gumus (Istanbul Technical University) Yelizaveta Ilitus (Istanbul Technical University)		

15:00-15:30

Break - Pre-Function Area



## II. Global Conference on Engineering and Technology Management

04-05 September 2015 - Chicago, IL, USA "Achieving Sustainable Growth through Engineering and Technology Management"

#### 05 September 2015, Saturday

15:	30-16:50	Parallel Session XV  Session Chair: Omer Fahrettin Demirel		
Room: Innovation & Entrepreneurship River North AB				
ID: 2	Income Distribution of Research and Development Network Manufacturing		Sasa Ding (Beifang University of Nationalities) Guorong Chai (Lanzhou University)	
ID: 43	Establishing Entrepreneurship Infrastructure in Engineering Education		S. Cem Karacal (Southern Illinois University)	
ID: 57	Disruptive Innovation	Theory in Light of Practical Implications	Evrim Gemici (Yildiz Technical University) Lutfihak Alpkan (Istanbul Technical University)	
ID: 86		of Business Incubators for Technology TITU ARI Teknokent in Turkey	Deniz Tuncalp (Istanbul Technical University)	





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Day 1 - 04 September 2015, Friday				
	River North AB		River North CD	
08:00 - 17:00		Registration		
08:15 - 08:30		Welcome Address by Fethi Calisir		
08:30 - 09:30			KS - I	Keynote Session I
09:30 - 10:30	PS - I	Engineering and Technology Management in Service Industries	PS - II	Human Resources
10:30 - 11:00	Break - Pre-Function Area			
11:00 - 12:00	PS - III	Healthcare Systems and Management	PS - IV	Technology and Knowledge Management
12:00 - 13:00	*	meal ticket Lunch B	Lunch Break - Atrium Back	
13:00 - 14:00			KS - II	Keynote Session II
14:00 - 15:00	PS - V	Supply Chain Management and Logistics	PS - VI	Technology and Knowledge Management
15:00 - 15:30	Break - Pre-Function Area			
15:30 - 16:00		Poster Session		
16:00 - 16:40	PS - VII	Managing Emerging Technologies	PS - VIII	Project Management
18:30 - 19:30 Welcome Reception - River North CD				

Day 2 - 05 September 2015, Saturday				
		River North AB	River North CD	
08:00 - 17:00		Registration		
08:30 - 09:30			KS - III	Keynote Session III
09:30 - 10:30	PS - IX	Energy Management	PS - X	Strategic Management
10:30 - 11:00	Break - Pre-Function Area			
11:00 - 12:00	PS - XI	Supply Chain Management and Logistics	PS - XII	Energy Management
12:00 - 13:00	Lunch Break - Atrium Back			um Back
13:00 - 14:00			KS - IV	Keynote Session IV
14:00 - 15:00	PS - XIII	Healthcare Systems and Management	PS - XIV	Human Factors
15:00 - 15:30	Break - Pre-Function Area			
15:30 - 16:50	PS - XV	Innovation & Entrepreneurship		
18:00 - 20:00	18:00 - 20:00 Gala Dinner - De Paul			