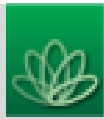




	Time	Events
WEDNESDAY 3 May 2017	20.00	<b><i>Mövenpick Resort &amp; Spa Dead Sea</i></b> <b>Welcome Reception and Registrations</b>



المملكة الأردنية الهاشمية  
صندوق دعم البحث العلمي



بنك القاهرة عمان  
CairoAmmanBank



نقابة المهندسين الأردنيين  
Jordan Engineers Association



DAY 1 Thursday 4/5/2017	Time	Events
	8:00-9:45	Registration
	10.00 – 10.30	The official opening “Auditorium “
		Minister of Public Work Eng. Sami Halaseh
		His Excellence the Ambassador of Greece Vasileios Bornovas
		His Excellence the President of JUST Prof. Omar Aljarah Professor Yahia Qawasmi Cochairman )
	10.30 – 11.00	Coffee Break
11.00 – 11.45	Keynote Speaker: Georgios E. Stavroulakis <b>NIKE GOES AUXETIC, WHY?</b>	

### Parallel Sessions

DAY 1 Thursday 4/5/2017	Time	Events “Al Diwan 1“		Events “ Al Diwan 2 “	
		<b>Chairman Prof. Yahia Qawasmi</b>		<b>Chairman Prof. K. Bani Hani</b>	
	11:45 -12:00	Daniel M. Muntean and Viorel Ungureanu	CLIMATE ADAPTIVE NEIGHBORHOODS	Murad Abu-Farsakhand Md. Nafiul Haque	ESTIMATING THE INCREASE IN PILE RESISTANCE WITH TIME (OR SETUP) BASED ON SOIL PROPERTIES
	12:00-12:15	Viorel Ungureanu and Stefan Benzar	EXPERIMENTAL INVESTIGATIONS ON RESISTANCE SPOT WELDING OF BUILT-UP COLD-FORMED STEEL CORRUGATED WEB BEAMS	Themistoklis N. Nikolaidis, Iosif Filosof, Charalampos C. Baniotopoulos	OPTIMAL DESIGN OF DOUBLE-SKIN ALUMINIUM FAÇADE SYSTEMS
	12:15-12:30	Ana Glišić, Gonçalo T. Ferraz	STOCHASTIC VARIABLES IN MODELLING OF THE WAVE LOADS ON OFFSHORE WIND TURBINE STRUCTURES	Ona Samuchovienė, Žaneta Stasiškienė	SUSTAINABLE TRANSPORT DEVELOPMENT IN LITHUANIA: AIR POLLUTION AND NOISE REDUCTION IN CITIES, CONSTRUCTION OF BYPASS, IMPLEMENTATION OF ENVIRONMENTAL MEASURES
	12:30-12:45	Ghazi A. F. Abu-Farsakh and Nasser K. Al-Huthaifi	OPTIMAL ASPECT-RATIO FOR DIFFERENT TYPES OF BRACED-DOMES SUBJECTED TO GRAVITY LOADS	Mohammad A. Alhassan and Dihong Shao	USE OF TUNED MASS DAMPERS TO CONTROL EXCESSIVE VIBRATIONS OF PEDESTRIAN BRIDGES
12:45-13:00	Layla K. Amaireh and Ghadir A. Haikal	NONLINEAR FINITE ELEMENT FORMULATION FOR CONTACT PROBLEMS WITH NONCONFORMING MESHES	B. Chikh, Y. Mehani, M. Hadid, K. Abdalla and A. Zerzour	SEISMIC DEMANDS ASSESSMENT OF TALL BUILDINGS	
13:00-14.30	LUNCH		LUNCH		

DAY 1 Thursday 4/5/2017	<b>Time</b>	<b>Events “Al Diwan 1”</b>		<b>Events “ Al Diwan 2 “</b>		
		<b>Chairman Prof. M. Alhassan</b>		<b>Chairman Prof. G. Abu-Farsakh</b>		
	14.30 -14:45	Stavroulaki Maria, Skoutelis Nikos, Maravelaki Noni-Pagona, Drosopoulos Georgios, And Stavroulakis Georgios	FRAGOKASTELLO SFAKIA: RESTORATION AND CONSERVATION THROUGH COMPATIBLE ARCHITECTURAL, STRUCTURAL AND CONSTRUCTION MATERIALS	Murad Abu-Farsakh, Milad Saghebfar, Allam Ardah, and Qiming Chen	INSTRUMENTING AND MONITORING THE PERFORMANCE OF GEOSYNTHETIC REINFORCED SOIL INTEGRATED BRIDGE SYSTEM	
	14:45-15.00	Michaela Gkantou, Marios Theofanous and Charalampos Baniotopoulos	FINITE ELEMENT MODELLING OF TENSILE AND COMPRESSIVE PRESTRESSED TUBULAR MEMBERS	M.Shawaqfah , R. Hatamleh, I.Alqdah , and A.Adaileh	DEVELOPMENT OF THREE DIMENSIONAL GROUNDWATER MODEL FOR AL-CORIDOOOR WELL -FIELD IN JORDAN	
	15:00-15:15	Sakdirat Kaewunruen, Luisa Macedo Paes Cortes Lopes and Mayorkinos P. Papaelias	INFLUENCES OF SLEEPER /CROSSTIE MATERIAL CHOICES ON GEORISKS IN RAILWAY SYSTEMS UNDER CLIMATE UNCERTAINTIES	Hatem Alrawashdeh and Ted Stathopoulos	WIND EFFECTS ON ROOF-MOUNTED SOLAR PANELS	
	15:15-15:30	Munther Kandah, Fahmi Abu Al-Rub and Dalia Al-Shareef	CONVERTING LOW GRADE SOLID WASTES INTO USEFUL PRODUCTS	Rana Moeini , Pietro Tricoli , Hassan Hemida and Charalampos Baniotopoulos	SWITCHING CHARACTERISTICS OF IGBT AS THE INITIAL FAILURE INDICATOR: A CASE STUDY	
	15:30-15:45	Arabi N. S. Al Qadi	PREDICTING CONTOUR SLUMP FLOW OF SELF-COMPACTING CONCRETE USING BENTONITE AS FILLER	Nadim I. Shbeeb and M. T. Abu Safaqah	MIXED-MODE ANALYSIS OF A GENERAL ORIENTED CRACK FOR A FUNCTIONALLY GRADED STRIP SANDWICHED BETWEEN TWO HOMOGENEOUS LAYERS OF FINITE THICKNESS	
	18.00					
	21:30 – 22:30	Dinner in Hotel				

<b>Day 2 Friday 5/5/2017</b>	<b>Time</b>	<b>Events</b>
	8:00 am	Moving to Petra
	11:30 am	Arriving Petra
	11:30 to 17:00	Visiting the archeological sit
	17:30 to 18:30	Dinner at Movenpick Hotel
	18:30	Leaving to Dead Sea

<b>DAY 3 Saturday 6/5/2017</b>	<b>Time</b>	<b>Events</b>
	<b>8.30-10.45</b>	<b>Visit to the Baptism site Keynote Speaker “Al Diwan “</b>
	<b>11:00-11:30</b>	<b>Professor C. Baniotopoulos</b>  COORDINATING ENGINEERING FOR SUSTAINABILITY AND RESILIENCE: RECONSIDERATION OF THE WIND ENERGY TECHNOLOGY TO ENHANCE THE CONCEPT OF SMART CITIES
	<b>11:30 – 12.00</b>	<b>Coffee Break</b>

### Parallel Sessions

<b>DAY 3 Saturday 6/5/2017</b>	<b>Time</b>	<b>Events “Al Diwan 1“</b>		<b>Events “ Al Diwan 2 “</b>		
		<b>Chairman Prof. K. Tsavdaridis</b>		<b>Chairman Dr. Hanan Al-Nimry</b>		
	12:00 -12:15	Amin H. Almasri 1, 2, and Shadi Moqbel	REVIEW OF AASHTO WATER FLOW DRAG COEFFICIENTS USING FINITE ELEMENT METHOD	Bilal M. Yasin , Abdallah S. Alkhawaldeh	GROUND SOURCE HEAT PUMP SYSTEMS AND PUMP EXCHANGER SYSTEMS IN JORDAN	
	12:15-12.30	Nafsika Stavridou, Evangelos Efthymiou and Charalampos C. Baniotopoulos	WIND INDUCED FATIGUE IN TUBULAR STEEL WIND TURBINE TOWER WELDED JOINTS	Mirjana Ratkovac, Rüdiger Höffer	INVERSE WIND LOAD RECONSTRUCTION WITH APPLICATION TO WIND TURBINE STRUC	
	12:30-12:45	Giulio Vita, Hassan Hemida and Charalampos Baniotopoulos	IMPROVING SUSTAINABILITY AND RESILIENCE OF FUTURE CITIES POSITIONING OF WIND TURBINES WITHIN THE URBAN ENVIRONMENT	Gonçalo T. Ferraz, Ana Glišić	REVIEW ON EXPERIMENTAL FATIGUE ANALYSIS OF TUBULAR JOINTS FOR OFFSHORE WIND TURBINE SUBSTRUCTURES	
	12:45-13:00	Inas Ahmed, Konstantinos Daniel Tsavdaridis, and Farzad Neysari	A NEW BREED OF SUSTAINABLE ULTRA-LIGHTWEIGHT AND ULTRA-SHALLOW STEEL-CONCRETE COMPOSITE FLOORING SYSTEM: LIFE CYCLE ASSESSMENT OF MATERIALS	Stephen Sammut1, Edward Gatt1, Ruben Paul Borg2	CHLORIDE ION DETECTION IN CONCRETE THROUGH GALVANIC AND RESISTIVITY METHODS	
	<b>13.00 – 14.30</b>	<b>LUNCH</b>				

**DAY 3 Saturday 6/5/2017**

<b>Time</b>	<b>Events " Al Diwan 1 "</b>	
	<b>Chairman Prof. G. Stavroulakis</b>	
14:30-14:45	Tarek Ninouh Salhi Sadok,	EFFECT OF REINFORCING SUBGRADE SOIL BY GEOGRID
14:45-15:00	MOJTABA MAHMOODIAN, AMIR ALANI AND VAHID ARYAI "BY DR. SHAMIL NAOUM"	DURABILITY OF CONCRETE SEWERS: MONITORING, ASSESSMENT AND ENVIRONMENTAL FACTORS
15:00-15:15	Hamad Almutairi1, CharalamposBaniotopoulos 1, Wasfe Ali 1 and Min An2	NEW RISK ASSESSMENT MODEL FOR BRIDGE MAINTENANCE
15:15-15:30	Thomas P. Lützkendorf and Maria Balouktsi	DESIGN FOR SUSTAINABILITY AND RESILIENCE – NEW TERMS FOR TRADITIONAL TASKS OR AN ENLARGEMENT OF THE PERSPECTIVES FOR ENGINEERS
15.30-15:45	Ziad Al-Ghazawi1*, Thomas Boving2, MoayyadShawaqfah3, Jamal Al-Rashdan4, William Blanford5, Ismael Saadoun1+, Qutaiba Ababneh1+and Jack Schijven6,7	RIVER BANK FILTRATION FOR WASTEWATER REUSE IN IRRIGATION: ADAPTATION TO CLIMATE CHANGE
17.00- 21.00	MADABA VISIT and Dinner	

<b>DAY 4 Sunday 7/5/2017</b>	Time	Events
	9.00 – 11.00	From Hotel to JUST
	11.00-11:30	Keynote speaker Professor Mohammad Ahmad Al-Nimr
	11:30 – 12.00	Coffee Break

Al-Karamah Auditorium " JUST"

<b>DAY 4 Sunday 7/5/2017</b>	Time	Events	
		<b>Chairman Prof. M. Abdel-Halim</b>	
	12:00 – 12:15	Saher Albatran1, Ahmad Allabadi1, Nedal Al-Ababneh1	STUDYING THE IMPACT OF PHOTOVOLTAIC PENETRATION FACTOR ON THE JORDANIAN POWER SYSTEM
	12:15 -12:30	Rajai Z. Al-Rousan and Muneer H. Barfed	PREDICTED STRAND TRANSFER LENGTHS IN FULL SCALE AASHTO PRETENSIONED CONCRETE GIRDER
	12:30-12.45	Mohammed A. Almomani , Yahia Qawasmi	A PROPOSED AUTOMATED SYSTEM FOR QUALITY ASSURANCE SUSTAINABILITY OF ENGINEERING EDUCATION
	12:45-13:45		Tour at JUST
	13.45		Moving to UMQAIS "GADARA"
	14.45		Lunch in UMQAIS
	15.45-16.45		TOUR ON UMQAIS
	17.00		Leaving to the center of Amman
	21.00		Dinner at TAWAHEEN ALHAWA RESTURANT

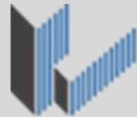




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