



Time	Session	Tuesday 11-07-2017	
8:30-09:30		Registration	
9:30-10:00		Opening Ceremony	
10:00-10:30		Coffee Break	
		Chair : Prof. Mohammad El-Khateeb	
10:30-11:05	Morning Sessions	Keynote Speaker (K1) Prof. Dr. h.c. mult. Luis A. Oro , Spain "From Parent Amido-Bridged Polynuclear Complexes to Imido Iridium Clusters: The Unprecedented Formation of a Mixed Imido/Amido Tetrairidium Cluster"	
11:05-11:40		Keynote Speaker (K2) Prof. Abeer Al-Bawab, Jordan "Materials Science, Nanotechnology and Colloid Chemistry"	
Session-I		Structural Materials, electronic and magnetic materials Chair: Prof. Abeer Al-Bawab ; Co-chair: Prof. Nathir Al-Rawashdeh	
11:40-12:00		Invited Speaker (I1) Prof. Yaseen Al-Soud , Jordan "Synthesis and Biological Evaluation of New 1,2,4-Triazoles Derivatives "	
12:00-12:20		O1: Prof. Mohamed Ellouze - Tunisia "Magnetism and Magnetocaloric effect "	
12:20-12:40		O2: Prof. A. BESBES - Algeria "Thermodynamic properties of a new quaternary Heusler alloy PdRuZrGe"	
12:40-12:55		Al-Boqai Center for Rehabilitation : Jordanian Success Story	
12:55-14:00			Lunch

<p align="center">Session-II WED: 11-07-2017</p>		<p align="center">Macromolecules, Sensors, Manufacturing and Processing for Materials Performance Enhancement</p> <p align="center">Chair: Prof. Dr. Heinrich Lang ; Co-chair: Prof. Borhan Aldeen A. Albiss</p>
<p align="center">14:00-14:35</p>	<p align="center">Afternoon Sessions</p>	<p>Keynote Speaker (K3) Prof. Dr. Anthony Day , AUSTRALIA "Cucurbit[n]uril as drug delivery vehicles and building blocks to new materials"</p>
<p align="center">14:35-14:55</p>		<p>O3: Dr. Z. Evis- Turkey "COATING OF CO-DOPED HYDROXYAPATITE ONTO ACID ETCHED Ti6Al4V BY BIOMIMETIC METHOD"</p>
<p align="center">14:55-15:20</p>		<p>Invited Speaker (I2) Prof. Ghulam Mustafa, Pakistan "Nanostructured Receptors based Chemical Sensors on the Way to Real-World Applications with Targeting Selectivity"</p>
<p align="center">15:20-15:40</p>		<p>O4: Dr. Ahmad I. Ayesh-Qatar "Hazardous gas sensors based on nanoparticles and organic semiconductors"</p>
<p align="center">15:40-16:00</p>		<p>O5: Dr. Lubna Alrawashdeh-Suadi Arabia, Jordan "Development of Novel Sensors for Fingerprint and Explosives Detection"</p>
<p align="center">16:00-16:20</p>		<p>O6: Prof. Amall A. Ramanathan - Jordan "Defect Functionalization of MoS₂ nanostructures as toxic gas sensors"</p>
<p align="center">16:20-16:40</p>		<p>O7: Dr. Alaa A. A. Aljabali - Jordan "Rapid magnetic nanobiosensor for the detection of Serriata marcescen"</p>
<p align="center">16:40-17:00</p>		<p>O8: Prof. Nagarbawdi M A - INDIA "Quality Assessment of some vegetables by dielectric sensing, hydrophobicity and hydrophilicity of surfaces by electrochemical deposition"</p>
<p align="center">17:00-17:20</p>		<p>O9: Prof. J. M. Khoshman - Jordan "Photoluminescence, Surface morphology, and optical polarization properties of Jordanian white silica sand thin films"</p>
<p align="center">19:00-21:00</p>		<p align="center">Dinner at the Hotel (Irbid)</p>

Time	Session	Wednesday 12-07-2017
8:30-09:15	Morning Sessions	Registration
9:15-9:50		Keynote Speaker (K4) Prof. Dr. Şule ERTEN-ELA –Turkey “COMPARISON OF ORGANIC SOLAR CELLS AND SILICON SOLAR CELLS”
9:50-10:25		Keynote Speaker (K5) Prof. Dr. Mamoun Medraj -UAE “Materials Development for Improved Energy Efficiency and Reduced Environmental Impact”
10:25-10:45		Coffee Break
Session-I		Functional Materials and Applications Chair: Prof. Ghulam Mustafa; Co-Chair: Dr. Raed M. Al-Zoubi
10:45-11:20		Keynote Speaker (K6) Prof. Dr. Heinrich Lang - Germany "Materials Chemistry: Design and Synthesis of Tailor-made Functional Materials"
11:20-11:40		O10: Dr. Deeb Taher-Jordan "Heterocyclic Diferrocenyl Methanol, Solid-State Structure and Electrochemical Investigations"
11:40-12:00		O11: Dr. Khaled Al Khalyfeh - Jordan “New Ferrocene Based Monomers and Polymers as Electro-Active Materials“
12:00-12:20		Invited Speaker (I3) Prof. Marwan S. Mousa, Jordan “The Influence of Material Composition on the Development of Electron Sources”
12:20-12:40		O12: Dr. Enteisar Albrasi - Libya “Analysis Semiconductor Nanocrystalline Film Deposited at the Water /Oil Interface”
12:40-14:00		Lunch

Session-II Wed: 12-07-2017	Materials for Water, Environmental Applications, and Biomaterial Chair: Prof. Mohamed Ellouze ; Co-Chair: Prof. M-Ali H. Al-Omari		
14: 0-14:25	Afternoon Sessions	Keynote (K7) Prof. Renat Sabirianov, USA "Density functional modeling of magnetic materials"	
14:25-14:45		Invited Speaker (I4) Prof. Ahmed Moosa , Iraq "Heavy Metals Removal from Wastewater Using Carbon nanotubes"	
14:45-15:05		O14: Dr. M. R. Kazimi-Pakistan "Dyeing applications of amino benzene sulfonic acid & polypyrrole nanocomposite based conducting dyes over cotton and silk"	
15:05-15:25		O15: Prof. Habib Ayadi - Tunisia "Seasonal succession of Phytoplankton and Zooplankton Communities Coupled to Environmental Factors in the Oligo-mesotrophic to eutrophic Lakhmes Reservoir (Semi Arid Mediterranean Area, Central Tunisia)"	
15:25-15:40		Coffee Break	
15:40-16:00		O16: Dr. Bashir M. Jarrar - Jordan "Ultrastructural Pathology in the Renal Tissues of Rats Induced by Zinc Oxide Nanoparticles: An Electron Microscopic Study"	
16:00-16:20		O17: Prof. M.A. Shaheen – Pakistan "Metal based scaffolds derived from Schiff bases as a potential therapeutic agents"	
16:20-16:40		O18: Dr. Ali Al-Sawalmih "Investigating the Hierarchical Design and Nanostructure in Biological Materials Using Synchrotron X-Ray Scattering "	
16:40-17:00		O19: Dr. Ahmed. M. Soliman - UAE "Photocatalytic Removal of Nitrate from Groundwater and Wastewater Using g-C ₃ N ₄ "	
17:00-18:30	Posters Session		
19:00-21:00	Conference Dinner (at JUST)		

Time	Session	Thursday 13-07-2017
Session - I		Manufacturing and Processing for Materials and Computational Materials Sciences. Chair: Prof. Habib Ayadi; Co-Chair: Dr. Muna AbuDalo
9:15-9:50	Morning Sessions	Keynote Speaker (K7) Prof. Dr. Wolfgang Weigand – Germany "[FeFe] Hydrogenase Subunit Mimics containing Selenium"
9:50-10:10		O20: Prof. A. Y. Hammoudeh - Jordan "Fenton-like Degradation of Phenol Catalyzed by a Series of Fe-Containing Mixed Oxides Systems"
10:10-10:30		O21: Prof. Isam Janajreh -UAE "Direct Contact Membrane Distillation Technology "
10:30-10:50		O22: Prof. Nacir Tit -UAE "Comparative study of adsorption properties of CO ₂ on Fe-doped graphene, carbonnanotubes and graphene nano-ribbons: First-principle analysis"
10:50-11:05		Coffee Break
11:05-11:25		O23: Prof. Fadwa Odeh- Jordan "Dynamic NMR Study of Model CMP Slurry Containing Nanoparticles as Abrasives "
11:25-11:45		O24: Dr. Ghaseb N. Makhadmeh - Jordan "Effect of Photon Radiations in Semi-Rigid Artificial Tissue Sensitized by Silica Nanoparticles Encapsulated Pp-IX"
11:45-12:05		O25: Prof. Mousa Al-Noaimi "Ruthenium(II) diamine complexes incorporating azoimine ancillary ligands. Synthesis, spectral, crystal structure and DFT calculations and catalytic activity in the hydrogenation of α,β -unsaturated aldehyde"
12:05-12:25		O26: Dr. Mohammad K. Harb - Jordan "[FeFe] Hydrogenase Models Containing Different Length Diselenolato Bridging Moieties"
12:25-12:45		O27: Dr. Suhair B. Atta - Jordan "Synthesis and Characterization of Calcium –Containing Tungstobismuthates Obtained from the Na ₁₁ H[H(2-x)Bi ₂ W ₂₀ O ₇₀ (HWO ₃) _x •46H ₂ O (x=1.4)"
12:45-13:15	Closing Remarks	
13:15-15:00	Group photo and Lunch	



Time	Tuesday 11.07.2017		Time	Wednesday 12.07.2017	Thursday 13.07.2017	*Post
8.30-09.30	Registration		8.30-9.15	Registration		conference trip to Wadi Rum and Petra Thursday 14-15.07.2017
9.30-10.00	Opening		9.15-9.50	Keynote Speaker (K4)	9.15-9.50 Keynote Speaker (K7)	
10.00-10.30	Coffee Break		9.50-10.25	Keynote Speaker (K5)	9.50-10.10 Oral Talk	
10.30-11.05	Keynote Speaker (K1)		10.25-10.45	Coffee Break	10.10-10.30 Oral Talk	
11.05-11.40	Keynote Speaker (K2)		10.45-11.20	Keynote Speaker (K6)	10.30-10.50 Oral Talk	
11.40-12.00	Invited Speaker (I1)		11.20-11.40	Oral Talk	10.50-11.05 Coffee Break	
12.00-12.20	Oral Talk		11.40-12.00	Oral Talk	11.05-11.25 Oral Talk	
12.20-12.40	Oral Talk		12.00-12.20	Oral Talk	11.25-11.45 Oral Talk	
12.55-14.00	Lunch		12.20-12.40	Oral Talk	11.45-12.05 Oral Talk	
14.00-14.35	Keynote Speaker (K3)		12.40-14.00	Lunch	12.05-12.25 Oral Talk	
14.35-14.55	Invited Speaker (I2)		14.00-14.25	Invited Speaker (I4)	12.25-12.45 Oral Talk	
14.55-15.20	Invited Speaker (I3)		14.25-14.45	Oral Talk	12.45-13.15 Closing Remarks	
15.20-15.40	Oral Talk		14.45-15.05	Oral Talk		
15.40-16.00	Oral Talk		15.05-15.25	Oral Talk		
16.00-16.20	Oral Talk		15:25-15:40	Coffee Break	13.15-15.00 Lunch	
16.20-16.40	Oral Talk		15.40-16.00	Oral Talk		
16.40-17.00	Oral Talk		16.00-16.20	Oral Talk	Trip to Jerash	
17.00-17.20	Oral Talk		16.20-16.40	Oral Talk		
			16.40-17.00	Oral Talk		
			17.00-18.30	Posters Session		
19.00-21.00	Dinner at Irbid (at the Hotel)		19.00-21.00	Conference Dinner (at JUST)	Dinner (at Jerash)	