



The Sixth Jordanian International Conference of Chemistry (Scientific Program)

Monday, April 18, 2011			
07:00 – 09:00 Pm	Reception and Registration		
Tuesday, April 19, 2011			
08:00 – 09:00	Registration		
09:00 – 10:30	OPENING CEREMONY		
10:30 – 11:00	☼ C O F F E E B R E A K ☼		
SESSION 1			
Hall A			
CHAIR : Sultan Abu Orabi and Talal Akasheh			
11:00 – 11:40	Mostafa A. El-Sayed PL1 (Georgia Institute of Technology, Atlanta, Georgia: USA) Nanotechnology, The Very Big Potential of the Very Small		
11:40 – 12:20	Alan H. Cowley PL-2 (Department of Chemistry and Biochemistry, The University of Texas at Austin, Texas 78712, USA) New Breeds of N-Heterocyclic Carbene Polymers and Their Uses		
Hall A			
CHAIR : Ibrahim Jibril and Heinrich Lang			
Hall B			
CHAIR : Khalil Asali and Amer Al Abdel Hamid			
12:30 – 01:00	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Bernd Wrackmeyer IL-1 University of Bayreuth, Germany, D-95440 Bayreuth. Activation of Silicon- and Tin-Carbon Bonds. 1,1-Organoboration of Alkynylsilanes and – Stannanes </td> <td style="width: 50%; vertical-align: top;"> Stanisław Ostrowski IL-2 Institute of Chemistry, Uniwersytet Przyrodniczo-Humanistyczny w Siedlcach (formerly University of Podlasie), ul. 3 Maja 54, 08-110 Siedlce, POLAND 1h NMR Substituent Increments in meso-Tetraarylporphyrins – A Useful Tool for Correct Assignments of their Structures </td> </tr> </table>	Bernd Wrackmeyer IL-1 University of Bayreuth, Germany, D-95440 Bayreuth. Activation of Silicon- and Tin-Carbon Bonds. 1,1-Organoboration of Alkynylsilanes and – Stannanes	Stanisław Ostrowski IL-2 Institute of Chemistry, Uniwersytet Przyrodniczo-Humanistyczny w Siedlcach (formerly University of Podlasie), ul. 3 Maja 54, 08-110 Siedlce, POLAND 1h NMR Substituent Increments in meso-Tetraarylporphyrins – A Useful Tool for Correct Assignments of their Structures
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01:00 – 01:30	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Nicole Jeanne Moreau IL3 President, International Union of Pure and Applied Chemistry IUPAC and International Year of Chemistry </td> <td style="width: 50%; vertical-align: top;"> Metin Balci IL4 Department of Chemistry, Middle East Technical University, 06531 Ankara, Turkey. Bisacylazides: A New Milestone for the Synthesis of Various Heterocycles </td> </tr> </table>	Nicole Jeanne Moreau IL3 President, International Union of Pure and Applied Chemistry IUPAC and International Year of Chemistry	Metin Balci IL4 Department of Chemistry, Middle East Technical University, 06531 Ankara, Turkey. Bisacylazides: A New Milestone for the Synthesis of Various Heterocycles
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01:30 – 02:45	☼ L U N C H ☼		

SESSION 2			
Hall A	Hall B		
CHAIR:	CHAIR:		
Idrees Almomani Amal Al-Aboudi	Ahmad Al-Ajlouni Mansour Nawasrah		
03:00 – 03:30	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Gurdal Tuncel IL-5 Middle East Technical University, Department Environmental Engineering, 06531, Ankara , Turkey Chemical Process in the Eastern Mediterranean Atmosphere </td> <td style="width: 50%; vertical-align: top;"> George Varvounis IL-6 Department of Chemistry, Section of Organic Chemistry and Biochemistry, University of Ioannina, 451 10 Ioannina, Greece. Reactions Leading to Novel Pyrrolobenzo-Diazepines and –Diazocines with Pharmacological Interest </td> </tr> </table>	Gurdal Tuncel IL-5 Middle East Technical University, Department Environmental Engineering, 06531, Ankara , Turkey Chemical Process in the Eastern Mediterranean Atmosphere	George Varvounis IL-6 Department of Chemistry, Section of Organic Chemistry and Biochemistry, University of Ioannina, 451 10 Ioannina, Greece. Reactions Leading to Novel Pyrrolobenzo-Diazepines and –Diazocines with Pharmacological Interest
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	Hall A	Hall B	Hall C
	CHAIR: Miguel Yus Mahmoud Al-Talib	CHAIR: José Cavaleiro Adnan Abu-Surrah	CHAIR: George Varvounis Ayman Hammoudeh
04:00 – 4:20	Eugene V. Babaev OL-1 Moscow State University, Chemistry dept., Moscow 119991, Russia Ylides Generation by Oxazolium Ring Opening	I. Moreira OL-2 Department of Chemistry, PUC-Rio, Rio de Janeiro, Brazil Persistent Organic Pollutants (Pops) In Drinking Water, Natural Waters and Biota from Rio De Janeiro State, Brazil	Mohammed A. Amin OL-3 Department of Chemistry, Faculty of Science, Ain Shams University, 11566 Abbassia, Cairo, Egypt. Photo-inhibition of meta-stable and stable pits on Al in perchlorate solutions
04:20 – 04:40	Ziad M. Shakhsher OL-4 Department of Chemistry and Chemical Technology, Al-Quds University, Jerusalem, Palestine. Synthesis of Acidified Tris-Amine as Swellable Fuctionized Polymer Microspheres and Study of Their Selective Optical Sensing	Sumayah Freiwan OL-5 University of Texas at El Paso (UTEP), TX, USA. Renewable Methane Energy from Wastewater Sludge Using Anaerobic Digestion Technique	Khader A. Al-Hassan OL-6 Department of Chemistry , Yarmouk University, Irbid, Jordan Excited State Structural Changes of 10-cyano-9-tert-butyl-anthracene (CTBA) in Polymer Matrices
04:40 – 05:00		Saadiyah A. Dhahir OL-8 Department of Chemistry, College of Science for women, University of Baghdad, Iraq Sunlight Photocatalytic of Propanil Herbicides in Aqueous Solution Determination of Degraded Products with UV and HPLC	Khalid E. Al Ani OL-9 Department of Petroleum Engineering, Faculty of Engineering, The British University of Science and Technology, Erbil, IRAQ Irradiation Effect on Stability of Poly (Fluorostyrene) Isomers
05:00 – 05:20	☀ C O F F E E B R E A K ☀		

SESSION 3			
	Hall A	Hall B	
	CHAIR: Farouq Fahmy and Shehadeh Mizyed	CHAIR: Metin Balci and Hamdallah Hodali	
5:20 – 05:50	Abdulrahman Al-Warthan IL-9 Department of chemistry, King Saud University, Riyadh 11451, Kingdom of Saudi Arabia. Synthesis and Characterization of Nanocomposites of Silver in Polymer Film	Lisa McElwee-White IL-10 Department of Chemistry, University of Florida, Gainesville FL 32611 USA. Catalytic Oxidative Carbonylation of Diamines to Cyclic Ureas	
05:50 – 06:20	J. Devillers IL-11 CTIS, 3 Chemin de la Gravière, 69140 Rillieux La Pape, France. Modeling Chemical Toxicity to Honey Bees	Branko Stanovnik IL-12 University of Ljubljana, Aškerčeva 5, 1000 Ljubljana, Slovenia. [2+2] Cycloadditions and Michael Addition of Acetylenes and Azodicarboxylates to Enaminones	
06:20 – 06:50	Issa Yavari IL-13 Department of Chemistry, Tarbiat Modares University, P.O. Box 14115-175, Tehran, Iran. Three-Component Synthesis of Functionalized Ketanimines and Azadienes	D.C. Gautam IL-14 Department of Chemistry, University of Rajasthan, Jaipur-302004, India Synthesis of 10H-Phenothiazines, 4h-1,4-Benzothiazines, their Ribofuranosides and Sulfones	
08:30	☀ D I N N E R ☀		

SESSION 4	
Hall A	
CHAIR: Ahmad Khodair and Mustafa Helal	
09:00 – 09:40	<p align="center">Laurence M. Harwood Chemistry Department, University of Reading, Whiteknights, Reading RG6 6AD, UK. Studies on Ligands for Selective Actinide Extraction</p> <p align="right">PL-3</p>
09:40 - 10:20	<p align="center">Heinrich Lang TU Chemnitz, Faculty of Sciences, Department of Chemistry, Institute of Inorganic, Chemistry, Straße der Nationen 62, 09111 Chemnitz (Germany) New Materials and Chemistry: Small Molecules – Great Progress</p> <p align="right">PL-4</p>
10:20 - 11:00	<p align="center">A.F.M. Fahmy Faculty of Science, Department of Chemistry, Ain ShamsUniversity, Abbassia Cairo, Egypt The Systemic Approach to Teaching and Learning [SATL]: Operational Steps for Building Teaching Units in Chemistry</p> <p align="right">PL-5</p>
11:00 – 12:00	<p align="center">☼ C O F F E E B R E A K & Poster Session ☼</p>

12:00 – 03:00	<p align="center">Lida Schoen, the Netherlands Titular Member IUPAC CCE Workshop Cosmetics as a Context for Teaching and Learning Chemistry 1- Hands-on Workshop on Cosmetics for Students 2- Hands-on Workshop Cosmetics for Teachers</p>
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SESSION 5	
Hall A	Hall B
CHAIR: Bernd Wrackmeyer and Mohammed Hourani	CHAIR: Zafra M. Lerman and Athina Geronikaki
12:00 – 12:30	<p align="center">IL-15</p> <p align="center">Leopold Puchinger IL-16 Vienna University of Technology (Austria) Analytical Chemistry Sheds Light on Ancient Times: Some Studies Giving Insight into our Cultural Heritage</p>
12:30 – 01:00	<p align="center">Miguel Yus IL-17 Department of Organic Chemistry and Institute for Organic Synthesis, University of Alicante, Apdo. 99, 03080 Alicante, Spain. Efficiency in Chemistry: From Hydrogen Autotransfer to Multicomponent Catalysis</p> <p align="center">Awni Al-Otoom IL-18 Senior Industry Officer, Organisation for the Prohibition of Chemical Weapons, Johan De Wittlaan 32, The Hague, the Netherlands. Organisation for the Prohibition of Chemical Weapons; the Verification Regimes under the Chemical Weapons Convention.</p>

Hall A	Hall B	Hall C	
CHAIR: Nadia Kandile Safwan Obeidat	CHAIR: Mohammad El-khateeb and Mahmoud Al-Qudah	CHAIR: Hikmat S. Hilal and Yaser El-Haj	
01:00 – 01:20	<p align="center">OL-10</p> <p align="center">H.M.F.Madkour Institute of Biochemistry, University of Balochistan, Quetta, Pakistan Antinematodal Activity of Di-aryl-Aldimines</p>	<p align="center">OL-11</p> <p align="center">Khalil J. Asali Department of Applied Chemical Sciences, Jordan University of Science and Technology, Box 3030, Irbid 22110, Jordan Kinetics and Mechanism of Ligand-Substitution Reactions in Chromium and Molybdenum Hexacarbonyls with Cyanide</p>	<p align="center">OL-12</p> <p align="center">Majed S. Alokail Department of Biochemistry, College of Science #5, King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabia Suppression of Hypoxia-Inducible Factor-1α in Cancer Cell Lines by Peptidylestrone, Alkylamino and</p>

		Anion	Alkylthioacetyl amino Derivatives
01:20 –01:40	OL-13 Abdalla M. Abulkibash Chemistry Department, King Fahd university of Petroleum & Minerals, Dhahran, 31261 Saudi Arabia. Differential Electrolytic Potentiometry a Detector in Ion Chromatography, HPLC and Micro Titrimetry	OL-14 Paolo Yammine Department of Chemistry, Faculty of Sciences, University of Balamand, P.O.Box 100 Tripoli, Lebanon Preparation and Characterization of Antifungal Drug-Loaded Poly(DI-Lactide-Co-Caprolactone) and Poly(L-Lactide-Co-Caprolactone-Co-Glycolide) Microspheres	OL-15 Semra G. Tuncel Middle East Technical University, Chemistry Department, 06531, Ankara, Turkey. Multifactorial Optimization Approach for Determination of Polycyclic Aromatic Hydrocarbons in Sea Sediments Of Turkish Mediterranean Coast
01:40 –02:00	OL-16 Md. Abdur Rashid Bangladesh University of Engineering and Technology, Dhaka Synthesis of Phenoxy Organophosphates Compounds from Phosphorus Oxy Chloride and Substituted Phenols and Study of the Substituent Effect on the Nucleophilicity	OL-17 Abdulsalam K. Swadi Directorate of Materials Science, Ministry of Science and Technology- Iraq Chemical Synthesis of Magnetism Nanoparticles for Medical Applications	OL-18 Mahwish Asgher Department of polymer engineering and technology, University of Punjab, Lahore. Potential of Chemically Treated Citrus Sinensis Biomass for Sorption of Reactive Red 45 from Aqueous Solution

	CHAIR: Rajab Abu-El-Halawa, Fuad Ababneh	CHAIR: Ahmad Alomari and Badr Salameh	CHAIR: Khader Al-Janaideh
02:00 – 02:20	S.V.Jayakumar OL-19 General Engineering Department, St.Joseph College of Engineering and Technology, Morogaro road, Luguruni, Dar es salaam, Tanzania Microwave Mediated Reduction of Representative Functional Groups Employing: N, N-Dimethyl Aniline. Borane	Hikmat S. Hilal OL-20 College of Sciences, An-Najah N. University, PO Box 7, Nablus, West Bank, Palestine. Chemical Bath Deposited CdSe Nano-Scale Thin Films in Photo electrochemical Systems: A Novel Technique to Enhance Efficiency and Stability	Abdullah Menzek OL-21 Ataturk University, Faculty of Science, 25240 Erzurum, Turkey Synthesis of Biological Active, Naturally Occurring Brominated Mono- and Dibenzyl Phenols
02:20 – 02:40	OL-22	Eman A. Othman OL-23 Directorate of Chemical Research, Ministry of Science and Technology-Iraq Chemical Synthesis of Magnetism Nanoparticles for Medical Applications	Mohamed Hammadia OL-24 Universite de Boumerdes, Faculté des Sciences, 35000 Boumerdes Algeria Solid and Liquid acids as catalysts for the Thiele - Winter reaction of Menadione
02:40 – 03:00	Ahmed N. Al-Hakimi OL-25 <i>Department of chemistry, Faculty of Science, Ibb University, Ibb, Yemen</i> Synthesis, Characterization and Biological Studies of New Mn(II), Ni(II), Co(II), Cu(II) And Zn(II) of 2-(Benzothiazol-2-Yl)-N'-(2,5-Dihydroxybenzylidene)Acetohydrazide	Saieba S. Hassan OL-26 Chemistry Department, faculty of science, Sana'a University, Sana'a, Yemen Synthesis and Spectroscopic Charactersation of Acetylenic Derivatives (Esters, Ethers, Thioethers and Amines) and Mannich Bases of Heterocyclics	Inom Normatov OL-27 Hydropower and Ecology Academy of Sciences Republic of Tajikistan, Dushanbe, Tajikistan Monitoring of Impact of the Mountain Concentrating Industrial Complex Wasterwaters on Quality of Waters of the Transboundary Zeravshan River
3:20	Lunch Box and Trip to Um Qais		

Thursday, April 21, 2011

SESSION 6	
Hall A	
CHAIR: Hasan Tashtoush	
09:00 – 09:40	<p style="text-align: center;">Mieczysław Małosza PL-6 Institute of Organic Chemistry, Polish Academy of Sciences, ul. Kasprzaka 44/52, PL-01-224 Warsaw, Poland Nucleophilic Substitution of Hydrogen in Electron-deficient Arenes: New Chapter of Chemistry of Arenes.</p>
Hall A	
CHAIR: Yaşar Demir and Abdel Monem Rawashdeh	
Hall B	
CHAIR: Semra Tuncel and Mohammad Mubarak	
09:40 – 10:10	<p style="text-align: center;">David RK Harding IL-19 Chemistry, Turitea Campus, Massey University, Palmerston North 4442, New Zealand. Chitosan Hydrogels with Metal Binding Crosslinkers</p>
10:10 – 10:50	<p style="text-align: center;">Matthias Westerhausen IL-21 Institut für Anorganische und Analytische Chemie Humboldtstr. 8, D-07743 Jena, Germany Post-Grignard Reagents and Beyond – Reduction of (Halogeno)Arenes with Calcium</p>
10:50 – 11:20	<p style="text-align: center;">Athina Geronikaki IL-23 School of Pharmacy, Aristotle university of Thessaloniki, Thessaloniki, Greece. Novel 2-Thiazolylimino 5-Arylidene-Thiazole-4-Ones with Multiple Activity</p>
11:20 – 11:40	C O F F E E B R E A K

SESSION 7					
Hall A		Hall B		Hall C	
CHAIR: Abeer Al-Bawab Mohammed Al-Anber		CHAIR: Yaseen Al-Soud and Qasem Jaradat		CHAIR: D.C. Gautam and Musa H. Abu Zarga	
11:40 -12:00	<p style="text-align: center;">M.S.Magtoof Al-Tamemay OL-28 Chemistry Department, Science College, Thiqr University, Thiqr, Nashyria, Iraq Synthesis of Azetidin-2-Ones: Application of Two Dimensional NMR HMQC 1H-13C, COSY 1H–1H and Mass Spectroscopy</p>	<p style="text-align: center;">Aminuddeen Husseine Abdu OL-29 Department of Integrated Science, School of Sciences, Federal College of Education, Kano, Nigeria. Proximate and Amino Acid Analysis of Crabs (<i>Cancer Pagurus</i>) from Tiga Lake, Kano State, Nigeria.</p>	<p style="text-align: center;">A.Thimme Gowda OL-30 Department of Chemistry, A.V.K.College for Women Hassan-573201, Karnataka, India Spectrophotometric Determination of Microgram Amounts of Osmium</p>		
12:00 – 12:20	<p style="text-align: center;">Rasha Al-Hussainee OL-31 Chemistry Department-College of Education for Girls-University of Kufa, Iraq. Evaluation of Oxidative Stress and Liver Function Parameters in the Sera Samples of Kufa Cement Factory Workers</p>	<p style="text-align: center;">Muthana Shanshal OL-32 Department of Chemistry, College of Science, Baghdad University, Jadirriay Baghdad, Iraq. A Study of the C-C and C-H Bond Rupture Reactions of the Aromatic Hydrocarbon Molecule, Acenaphthylene. A PM3(SCF-MO) and Thermal Gravimetric Treatment.</p>	<p style="text-align: center;">Hafiz Badaruddin Ahmad OL-33 Department of Chemistry Bahauddin Zakariya University Multan, Pakistan Physicochemical Characterization and Frying Quality of Canola and Sunflower Oil Samples</p>		

	SESSION 8		
	Hall A	Hall B	Hall C
	CHAIR: Abdulrhman Al-Warthan , Khalid Al-Ani	CHAIR: David Harding Firas Awwadi	CHAIR: Lo'ay Al-Momani Hamzeh A. Halim
12:20 – 12:40	Ashraf abdelwahab OL-34 Chemistry Department, Faculty of Science, Al Azhar University, Egypt Synthesis and characterization of some new diiodocoumarin derivatives with promising antimicrobial activities		Abeer Al Bawab OL-36 Hamdi Mango Center for Scientific Research (HMCSR), University of Jordan, Amman, Jordan Surfactant-Less Emulsion
12:40 – 01:00	Surendra Prasad OL-37 Faculty of Science, Technology & Environment The University of the South Pacific, Suva, Fiji Monitoring of Environmental Pollutants Using Kinetic Methods of Analysis as an Analytical Tool	Ahed Zyoud OL-38 An-Najah N. University, Nablus, West Bank, Palestine Anthocyanin (Natural dye) Sensitizing TiO₂ in Photodegradation Processes	Falah H. Hussein OL-39 Chemistry Department, College of sciences, Babylon University, Hilla-Iraq Photocatalytic Oxidation of EDTA in Presence of Titanium Dioxide in Aqueous Suspension
01:00 – 01:20		Shahid Aziz OL-41 Department of Chemistry, University of Azad Jammu and Kashmir, Muzaffarabad-13100, Pakistan Synthesis of Topopyrone C and Its Related Anthrapyrones via Marschalk Reaction	Ibrahim Kayali OL-42 Department of Chemistry and Chemical Technology, Al-QUDS University, Jerusalem, Palestine Effect of Various Penetration Enhancers on The Permeability of A Topical Azithromycin Gel Through a Synthetic Membrane.
01:20 – 01:40	J. Saidan OL43 Azzawiya oil refining company. P.O.Box 15715 Azzawiya, Libya The Chemical Additives Variation of refinery Boilers Part Two		Belgasem. A. OL45 Biotechnology Research Center. Twaisha – Libya Protective Effect of L –Ascorbic Acid Against Toxicity Induced by Carbon Tetrachloride
01:40 – 02:00	☕ COFFEE BREAK		
02:05 – 03:05	CLOSING CEREMONY		
03:15	Lunch Box and Trip to Jarash		
08:30	Dinner at Jerash		
Friday, April 22, 2011 at 6:00 am trip to PETRA			