

Monday 5 Marsh 2018

Time								Speaker			
08:00 – 9:00		Registration									
9:00 – 10:00		Opening Ceremony									
10:00 – 10:30		Tribute to Prof. Alexander Schönberg Former Chairman of the Chemistry Department (1937-1957)						Hamed Ead			
10:30 – 11:30		SciFinder; Your First Step in Scientific Research.						Wesam Salem Abu-seif			
11:30 – 12:00		Continental Break									
12:00 – 12:45		Development and Bio-applications of Nontoxic Carbon Dots						Roger M. Leblanc			
12:45 – 01:00		Break									
Hall A				Hall B				Hall C			
Time		Session		Speaker		Time		Session		Speaker	
		Session One Nano chemistry and Technology						Session Three Environmental Analysis			
Chairperson		Prof. Malak Mahdi Prof. Ahmed Gad		Chairperson		Prof. Abdelgawad A. Fahmi Prof. Hamdi Hamoda		Chairperson		Prof. M. M. Khater Prof. Wafaa Husny	
01:00 – 01:45		Nano-sized bifunctional silicates and zeolites Preparation and properties		Wilhelm Schwieger		01:00 – 01:45		Fullerene-Filled liquid-crystalline nanostructures A Possible solution for LC photovoltaics?		Matthias Lehmann	
01:45 – 02:15		Cu/Co- Layered double hydroxides supported carbon nanotubes and graphene oxide as enhancing catalysts for carbon-carbon coupling <i>via</i> Aldol and Ullmann reactions		Mohamed Mokhtar		01:45 – 02:15		Synthesis of multi-armed molecules		Ahmed H. M. Elwahy	
02:15 – 02:30		Novel nanomaterials for electrocatalytic water splitting and hydrogen storage		Ayman Nafady		02:15 – 02:30		Production of fuel by pyrolysis of low density polyethylene (LDPE)		Ehssan Mohamed Reda Nassef	
02:30 – 02:45		Coffee Break				02:30 – 02:45		Coffee Break			
		Session Four Nano chemistry and Technology						Session Five Polymer Chemistry			
Chairperson		Prof. Wilhelm Schwieger Prof. H. M. Fahmy		Chairperson		Prof. Bindaban C Ranu Prof. Maher El-Sabaa		Chairperson		Prof. Marek Trojanowicz Prof. M.S. Rizk	
02:45 – 03:30		How in-depth understanding of colloidal interfaces paves the way towards efficient photocatalysis, wastewater reuse and lightning		Doris Segets		02:45 – 03:30		Development of polymer membranes for gas and liquid phase separations		Volker Abetz	
03:30 – 04:00		Smart nanomaterials for better health		Ibrahim M. El-Sherbiny		03:30 – 04:00		Chemically Modified Chitosan for Water treatment and as Antimicrobial agents		Magdy Sabaa	
04:00 – 04:15		Multifunctional nanoparticles: morphology and size control		S. I. El-Dek		04:00 – 04:20		Synthesis of novel biodegradable antibacterial grafted xanthan gum		Riham R. Mohamed	
04:15 – 04:30		Photodegradation of eosin Y using silver-doped magnetic nanoparticles		Eman Alzahrani		04:20 – 04:40		Photo-stabilizers for rigid poly (vinyl chloride) based on polytoluidine		S. M. A. Soliman	
04:30 – 04:45		Silver nanoparticles immobilized on the activated carbon as efficient adsorbent for removal of malachite green dye from aqueous solution		Hassan. A Ewais							
										04:00 – 04:15	
										Optimal design and operation of multivessel batch distillation for binary mixture separation	
										Mohamed Benmahmud	

Tuesday 6 March 2018

Time	Hall A						Speaker		
9:00 – 10:00	Tribute to Prof. Ahmad Sami Shawali						Hamdi Hassaneen		
10:00 – 10:45	Zeolitic Materials with Hierarchical Porosity: Preparation Concepts and Applications						Wilhelm Schwieger		
10:45 – 11:00	Coffee Break								
Hall A			Hall B			Hall C			
Time	Session	Speaker	Time	Session	Speaker	Time	Session	Speaker	
	Session Seven Catalysis			Session Eight Organic and Organometallic			Session Nine Bio- Inorganic		
Chairperson	Prof. Mohamed Mokhtar Prof. Mohamed M. Hefny		Chairperson	Prof. Ezzat Zayed Prof. S. Ghouzlan		Chairperson	Prof. Ralph Puchta Prof. A. L. El-Ansary		
11:00 – 11:45	Industrially important oxidation reactions using heterogeneous catalysts	V. Narayana Kalevaru	11:00 – 11:45	Nature inspired organocatalytic enantioselective carbon-carbon formation <i>via</i> decarboxylative addition reaction.	Swapandeep Singh Chimni	11:00 – 11:45	Glucose – Industrial mass product and major nutrient finds a new role as neuronal modulator	Hans-Georg Breitingер	
11:45 – 12:15	The wonder of electrochemistry at the interface – from monolayer assembly to nano structures and functionalization	Ahmed Galal	11:45 – 12:15	Synthesis of heterocycles <i>via</i> C-C bond formation reactions: Michael addition, Hantzsch, Biginelli, Baylis-Hillman and π 4+ π 2 cycloaddition reactions	Ismail Abdelshafy Abdelhamid	11:45 – 12:15	DNA- Cleavage studies, Spectroscopic and Binding behavior of Some Selected Biorelevant Transition Metals Complexes with Calfthymus DNA. Antitumor and Antimicrobial Evaluation	Azza A. Shoukry	
12:15 – 12:30	Improved electro-oxidation of formic acid on a pallidium and manganese oxide binary nano electrocatalyst	Islam M. Al-Akraa	12:15 – 12:30	Dianionic oxy-cope rearrangement with benzil derivatives: <i>meso</i> -selective 3,3-coupling of two tetrahydrofuran moieties	Amr Mohamed Abdelmoniem	12:15 – 12:30	Synthesis and equilibrium investigation of the interaction of model antitumour palladium(ii) complex with biorelevant ligands. DNA binding studies and biological activity	Haneen Algedany	
12:30 – 12:45	Fabrication of simultaneously co-electro deposited platinum-manganese oxide binary nanocatalyst for effciet formic acid electro-oxidation	Yasser Asal	12:30 – 12:45	Regioselective synthesis of tris-, tertakis-andhexakis(tetrahydrobenzo[4,5]imidazo[2,1- <i>b</i>]quinazolin-1(2 <i>H</i>)-one) using Begenelli like reaction	Hadeer M. Diab	12:30 – 12:45	Synthesis and characterization of substituted Mo and W carbonyl complexes containing isoniazid and dimethylglyoxime	Abubakar Tenimu Adogah	
12:45 – 01 :30	Lunch Break		12:45 – 01 :30	Lunch Break		12:45 – 01 :30	Lunch Break		
	Session Ten Catalysis			Session Eleven Organic Synthesis			Session Twelve Inorganic Chemistry		
Chairperson	Prof. Afaf Abdel Razek Prof. Amina Mazhar		Chairperson	Prof. Hamed Ead Prof. Ahmed El-Redi		Chairperson	Prof. Hans-Georg Breitingер Prof. Nour Tawfik		
01:30 – 02:15	Graphene-based materials for applications in heterogeneous catalysis, water treatment and solar water desalination	M. Samy El-Shall	01:30 – 02:15	Eco-acceptability and Economy – Two vital parameters for a current chemical process	Bindaban C Ranu	01:30 – 02:15	Ligand exchange at metal centers investigated by quantum chemistry – green, sustainable and complementary	Ralph Puchta	
02:15 – 02:45	Graphene-based materials for energy applications	Ahmed Abdel-Moneim	02:15 – 02:45	Chemoselectivity in 1,3-dipolar cycloaddition reactions of nitrilimines with multifunctionalized dipolarophiles	Abdou O. Abdelhamid	02:15 – 2:45	The philosophy of symmetry in the dictionary of chemistry	Mohsen M. Mostafa	
02:45 – 03:00	Novel hydroxyapatite/graphene nanocomposite for the effective removal of water pollutants	Mohamed A. Hassan	02:45 – 03:05	Nucleosides 10 [1]: synthesis of new derivatives of pyrimidine and fused pyrimidine nucleosides of expected biological activity	Mosselhi Mohamed	02:45 – 03:00	Synthesis, characterization, speciationand DFT studies ofPd(2-(2-aminoethyl)-1-methylpyrrolidine)Cl ₂ complex with bio-relevant ligands	Mohamed R. Shehata	
03:00 – 03:15	Development of n-type anodized nanoporous stainless steel 316l for enhanced photoelectrochemical water splitting	Heba Hamdy Farrag	03:05 – 03:25	Ultrasound one pot synthesis of fused quinazolinones, quinazolinediones and molecular modeling study as phosphodiesterase 7a1 inhibitors	Sherin Mohamed Abd Elhai El Feky	03:00 – 03:15	Crystal growth study of a guest-free microporous metal-organic framework zinc 5-tert-butyl isophthalate (zn(tbip)) by atomic force microscopy	Samaila A. Jovial	
03:15 – 03:30	Selectivity toward propylene over partially crystalline H-ZSM-5 in methanol-to-olefin reaction	Huda Sherbini	03:25 – 03:40	Synthesis, cytotoxicity, antimicrobial and docking simulation of novel pyrazolo[3,4- <i>d</i>]pyrimidine and pyrazolo[4,3- <i>e</i>][1,2,4]triazolo[3,4- <i>c</i>]pyramid-ine derivatives	Fatma M. Saleh	03:15 – 03:30	Facile synthesis of high thermally stable Au/TiO ₂ nano-photocatalyst	Mohamed Mousa Ibrahim	
03:30 – 03:45	Polyoxometalate ionic liquid as anticorrosion coating of steel in acidic solution	Abeer Al-Dosari	03:40 – 03:55	An efficient Sonochemical Synthesis, molecular docking of 2-phenyl-1, 8-naphthyridine derivatives and their cytotoxic activity against HepG2 Cell lines	E. S. Alsulami	03:30 – 03:45	Synthesis, x-ray, biological activity and equilibrium studies of palladium(ii) complexes as a model of antitumour agents incorporating dicarboxylic acids	Ahmed A. El-Sherif	
03:45 – 04:00	Efficient electrooxidation of formic acid at bimetallic nanoparticle-based PANi-modified anodes	Muhammad Gamal Abd El-Moghny				03:45 – 04:00	Kinetics and thermodynamic behavior of cadmium(ii) uptake from aqueous iodide media onto polyurethane foam physically immobilized with some basic dyes	Salih S. Al-Juaid	
04:00 – 5:30	Poster Session					Chairperson: Prof. Wahed Elhawary	Prof. Hassain Abdel Fattah		

Wednesday 7 March 2018

Time	Hall A						Speaker	
9:00 – 10:00	Tribute to Prof. Mohamed W. Badawy						Rabab M. El-Sherif	
10:00 – 10:45	First Principles Approach to X-ray Spectroscopy of Transition Metal Compounds						Oliver Kühn	
10:45 – 11:00	Coffee Break							
Hall A			Hall B			Hall C		
Time	Session	Speaker	Time	Session	Speaker	Time	Session	Speaker
	Session Thirteen Computational chemistry			Session Fourteen Liquid Crystal/physical polymers			Session Fifteen Sensors and Analytical Techniques	
	Prof. Rafei Abu-Eittah Prof. Maher Hamed			Prof. Gamal Riyad Prof. Hamed Daboun			Prof. Roger M. Leblanc Prof. M. A. ZAYED	
11:00 – 11:45	Simulations of organic materials with optical activity: Advances, Appraisal, Applications	Mario Barbatti	11:00 – 11:45	Dynamic mirror symmetry breaking in liquids and liquid crystals	C. Tschierske	11:00 – 11:45	A promazine derivative oriented chemical sensor for ultra-sensitive chemical speciation and total determination of chromium(III, VI) species	M. S. El-Shahawi
11:45 – 12:10	Structure and dynamics of molecular Systems. Unconventional H-bonds and renewable energy sources. A theoretical perspective	Rifaat Hilal	11:45 – 12:10	Effect of including extra phenylazo moiety on the mesophase behavior of three-ring azo/ester molecules	Magdi M. Naoum	11:45 – 12:15	Ion Selective Electrodes @ our Laboratory	Yousry M. Issa
12:10 – 12:35	Computational chemistry:Important dry tool examples in flexible molecules and complexes of technological, medicinal and renewable energy potentials	M. S. A. Abdel-Mottaleb	12:10 – 12:35	Chitin and Chitosan the Amazing Materials, Extraction, Modification and Applications	Maher Zaki Elsabee	12:15 – 12:30	Molecularly imprinted polymers electrochemical sensors: Form macro to micro molecules detection	Rasha Mohamed El Nashar
12:35 – 12:45	Theoretical insights into dehydrogenative chemisorption of alkylaromatics on Pt(100) and Ni(100)	Amani O. Alghamdi	12:35-12:45	Mirror-symmetry breaking in photosensitive bent-core mesogens	Mohamed Alaasar	12:30 – 12:45	PVC-based miptode for the determination of pharmaceutical preparation	Fathy Abd El-Haleem
12:45 – 01:30	Lunch Break		12:45 – 01:30	Lunch Break		12:45 – 01:30	Lunch Break	
	Session Sixteen Electrochemistry			Session Seventeen Biochemistry and Bio-analytical			Session Eighteen Material Science	
Chairperson	Prof. Fakeha Hakal Prof. Dr. Nawal Darwish		Chairperson	Prof. Sanaa Osman Prof. Bahia Riad		Chairperson	Prof. M .S. El-Shahawi Prof. Yousry M. Issa	
01:30 – 02:15	Recent development on electrochemical application on boron-doped diamond electrodes	Yasuaki Einaga	01:30 – 01:50	Cytotoxicity, molecular modeling, cell cycle arrest, and apoptotic induction induced by novel chalcones derivatives	Magda F. Mohamed	01:30 – 02:00	Earth-abundant nanostructured materials for efficient solar energy conversion	Nageh K. Allam
02:15 – 02:45	Electrocatalysis by nanoparticles	Mohamed S. El-Deab	01:50 – 02:05	Chemical composition and antioxidant activities of methanol extract of the lichen pleurosticta acetabulum	Jovica Tomović	02:00 – 02:15	Effect of fly ash and super plasticiser on the hardening properties of self-compacting-concrete	Hassan Laminu
02:45 – 03:00	Electroless coating of copper with a composite of iron/nickel/phosphorus	Mohamed M. Hefny	02:05 – 02:20	Chimerically designed multitarget anticancers: investigation of 4-substituted-5-substitute daminopyrimidines as dual inhibitors of tyrosine kinase and hdac, green protocol	Magda Abdellattif	02:15 – 02:30	K-m reactor, new technology for core shell materials	M. A. Abdelkawy
						02:30 – 02:45	A new template-directed triazole ligand strategy for the synthesis of silver nanoparticles	Heba A. Kashmery
03:00 – 03:15	Enhancement of methanol and ethanol fuel cells efficiency using Ni–MgO/C nano-composite anodes	Rabab M. El-Sherif	02:20 – 02:35	Evaluating the production of the neurotoxic amino acids β-N-methylamino-L-alanine (BMAA) and 2,4-diamino-butyric acid (DAB) in cyanobacteria, using LC/ESI-MSN	Aminu Argungu Umar	02:45 – 03:00	Green hybrid biocomposites: effect of modification of fiber and polymer on material properties	Abubakar Umar Birnin-Yauri
03:15 – 03:30	Influence of loading amount of NiO nanoparticles supported on graphite planes as an electrocatalyst for urea electro-oxidation reaction in alkaline medium	Shymaa S. Medany	02:35 – 02:40	Development of porous metal organic framework nano carriers for drug delivery and biomedical imaging	Oriyomi Ogunbanjo	03:00 – 03:15	Development of composite catalyst and its catalytic performance in FCC cracking	Nurudeen Salahudeen
03:30 – 03:45	Electrochemical growth approach to high –quality titanium nano oxide thin films for medical and industrial applications	Sahar A. Fadlallah	02:40 – 02:55	Bioassay guided isolation of n-butanol fraction of mormodica balsamina against salmonella typhimurium and staphylococcus aureus	Muktari Isa Shago	03:15 – 03:30	Potential role of L-arginine and vitamin E against bone loss	Hala M. Abdelkarem
03:45 – 04:00	Carbon supported Pd-metal oxide electrocatalysts for ethanol electro-oxidation in alkaline medium	R. M. Abdel Hameed	03:00 – 04:00	Poster Session		03:30 – 03:45	Development of metal oxide nanoparticle-based catalysts for efficient biodiesel production	Hosam H. Abdelhady
			Chairperson	Prof. Nehal Mohamed Elwan Prof. Howaida Hassaneen		03:45 – 04:00	Utilization of date stone for the heterogeneous catalytic conversion of cyclohexane	Amira Said
04:00 – 05:00	Closing Ceremony							