

Conference Program

Reception and Registration

Monday, March 16, 2009

Faculty of Science, Mansoura University

Opening Ceremony

Prof. A.A. Hamza Conference Hall

Faculty of Science, Mansoura University

Co-Chairs: Prof. T.Z. Sokkar & Prof. A.I. Ahmed

Analytical, Inorganic and Environmental (Room A)

Monday, March 16, 2009

A1-Anal., Inorg. & Environmental Chemistry

Co-Chairs: Prof. M. M. Mostafa & Prof. A.M. El-Wakeel

Start time	Title of Paper & Author(s)	Abstract #
13:00	Synthesis, Spectroscopic and Anticancerous Properties of Mixed Ligand Palladium(II) and Silver(I) Complexes with 4,6-Diamino-5-Hydroxy-2-Mercapto Pyrimidine and 2,2'-Bipyridyl S.I. Mostafa , F.A. Badria	OA-1
13:20	Kinetic Spectrophotometric Determination of Biotin in Pharmaceutical Preparations M.I. Walsh , M. Rizk, Z.A. Sheribah, M.M. Salim	OA-2
13:40	Extraction and Preconcentration Some Heavy Metals Using C-NH ₂ Solid Phase A.M.Wakil, I.T.Urasa, M.A.Hafez, W.M.Elmaaty	OA-3
14:00	Preconcentration and Separation of Some Trace Heavy Metal Ions Using Duolite C ₂₀ -Resin Modified With Thiosemicarbazide Derivatives Using Flame Atomic Absorption Spectrometry. I.M.M. Kenawy, M.E. Khalifa, Y.G. Abu El-Reash .	OA-4
14:20	Synthesis, Characterization and Anticancer Activity of 3-Aminopyrazine-2-Carboxylic Acid Transition Metal Complexes S. I. Mostafa, I. M. Gabr, H.A. EL-ASMY , M. E. Emam	OA-5
14:40	Application of Micellar Electrokinetic Chromatography with Sample Stacking for the Determination of Lacidipine in Pharmaceutical Preparations and Biological Fluids. A. A. Abdelal, S. Kitagawa, H. Ohtani, N. El-Enany, F. Belal, M. I. Walsh	OA-17*

15:00- 17:00 Poster Session

Chairman: I.M. Kenawy

PA-1:PA-23 (Room 1)

17:00-18:00 Coffee Break

Physical Chemistry (Room B)

Monday, March 16, 2009

B1-Physical Chemistry

Co-Chairs: Prof. S. Hassan & Prof. M.A. Morsi

Start time	Title of Paper & Author(s)	Abstract #
13:00	Carbon dioxide reforming of methane on Ni/CaO-Al ₂ O ₃ catalysts A.M. Youssef , S.A. Sayed Ahmed, Th. El-Nabarawy	OB -2
13:20	Conformational Stability, r_0 Structural Parameters, <i>ab initio</i> Calculations, and Vibrational Assignment for Silacyclopentane A.M. El Defrawy , G. A. Guirgis, T. K. Gounev, M. S. Solimana, J. R. Durigc	OB -7
13:40	Effectiveness of Pulse-Cathodic Protection Systems Used for Deep Well Casings I.A. Metwally , A. Al-Badi	OB -3
14:00	Some β -blocker compounds as inhibitors for the corrosion of aluminum in HCl solution A.S.Fouda, G.Y. Elewady, K. Shalabi	OB -1
14:20	Potentiometric Studies of Nickel- β -aminoketone Complexes A. S. Fouda, A. H. EL-Asklany, G. Y. EL-Ewady and A. F. Molouk	OB-5
14:40	Preparation and Characterization of Supported Manganese Oxide Sulphated Zirconia Catalyst S.A.EL-Hakam, A.I.Ahmed, S.I.EL-Shafey And Sh.M.EL-Dafrawy	OB -4

15:00- 17:00 Poster Session

Chairman: Prof. A.S. Fouda

PB-1:PB-14 (Room2)

17:00-18:00 Coffee Break

Organic Chemistry (Room C)

Monday, March 16, 2009

C1-Organic Chemistry

Co-Chairs: Prof. A.M. Khalil & Prof. F.A. Amer

Start time	Title of Paper & Author(s)	Abstract #
13:00	Nanotechnology in Petroleum Refining I. K. Basily , A. A. Sarhan, A. El-Desoky, M. Bakr, M. M. Khalifa	OC - 1
13:30	Gingerdione from the Rhizomes of <i>Curcuma Longa</i> A. El Demerdash, A. M. Dawidar, E. M. Keshk, M. Abdel-Mogib	OC - 3
14:00	Palladium-Catalyzed Synthesis of Pyrrolobenzazepines and Analogous S. A. A. El Bialy , I. Elghamry	OC - 4
14:30	Facile Printing of Cotton Fabrics with Phenyl diazenyle Azo dyes S. H. Abdelsalam, T. M. Abou Elmaaty	OC - 5

15:00-17:00 Poster Session

Chairman: Prof. A.A. Fadda

PC-1:PC-41 (Room 3)

17:00-18:00 Coffee Break

Applied Chemistry (Room D)

Monday, March 16, 2009

D1-Applied Chemistry

Co-Chairs: Prof. A. Sarhan & Prof. A.H. El-Asklany

Start time	Title of Paper & Author(s)	Abstract #
13:00	Biosynthesis of Antibiotic Pigment of High Potency versus Gram-negative and Gram-positive Bacteria F.A. Mansour , Y.A.O. Ellazek, T.El-Morsy	OD -2
13:20	Comparison between Water and Ion Fluxes in Intact and Detopped Plants M.A. Abbas	OD -5
13:40	Efficiency Improve of Hydrolysis in Anaerobic Digestion Process for Swage Sludge by Using Enzymes I.G. Rashed , J. Akunna, M. M. El-Halwany, A. F. Fadil	OD -3
14:00	Developing an Artificial Neural Network to Scope and Rank the Sub-Objectives in Multi-Criteria Decision Making Problems M. M. El-Borai, M. M. Saleh , K. A. El-sharkawy	OD -4
14:20	Evaluation of the Insecticidal Activity of Ipecac Plant, <i>Cephaelis ipecacuanha</i> (Fam: Rubiaceae) Against the Household Mosquito Larvae, <i>Culex pipiens</i> (Diptera: Culecidae) Z. Sh. Abo Elnaga , A. M. Sallam, A.A. Ebeid, M. M. Abd Elmogib, H.A. Salem	OD-1
14:40	Kinetic Models for Methylene Blue Adsorption Using Activated Human Hair Waste as a Biosorbent T. E. Farrag, M. M. El-Halwany	OD -6

15:00- 17:00 Poster Session

Chairman: A. A. El-Shafei

PD-1: PD-30 (Room 4)

17:00-18:00 Coffee Break

Analytical, Inorganic and Environmental (Room A)

Tuesday, March 17, 2009

A2-Anal., Inorg. & Environmental Chemistry

Co-Chairs: Prof. A. Al-Asmy & Prof. M.M. Bekheit

Start time	Title of Paper & Author(s)	Abstract #
10:00	Differential Performance & Efficiency of High-Temperature Anti-Scale Additives in Msf-Desalination Plants. M.S. Aboul-Fetouh , R .S. Farag, N.H.M. Al-Johani	OA-6
10:25	Solid-Phase Extraction of Trace Cu(II), Pb(II), Cd(II), Zn(II) and Ni(II) with Silica Gel Modified with <i>o</i> -Aminophenol and Pyrazolone from Natural Samples by FAAS. N. Burham , S. M. Abdel-Azeem , M. F. El-Shahat	OA-7
10:50	Extraction Behavior of Cerium by Tetraoctyldiglycolamide from Nitric Acid E. Metwally , A.Sh.Saleh, S. M. Abdel-Wahaab , H.A. El-Naggar	OA-8
11:15	The Sorption Behavior of Cd(II) and Ni(II) on Polymeric Supported Chelating Compounds A. A. El-Zahhar	OA-9
11:40	Flow Injection Determination of Penicillins in Bovine Milk and Pharmaceutical Formulations after Preconcentration on Methylene Blue Grafted Polyurethane Foam Sorbent M. F. El-Shahat , N. Burham , S. M. Abdel Azeem	OA-10
12:05	Radiokinetic Studies on the Diffusion Mechanism of Cs ⁺ and Co ²⁺ Ions in Particles of Iron Silicate as a Cation Exchanger E.S Zakaria , I.M Ali, M. E. Mustafa, M. KAlil, I.M.El-Naggar	OA-11

12:30- 13:00 Coffee Break

15:00- 17:00 Poster Session

Chairman: Prof. S.E. Ghazy

PA-24:PA-31 (Room 1)

17:00-18:00 Coffee Break

Physical Chemistry (RoomB)

Tuesday, March 17, 2009

B2-Physical Chemistry

Co-Chairs: Prof. A.M. Youssef & Prof. Y. Elewady

Start time	Title of Paper & Author(s)	Abstract #
10:00	Preparation and physicochemical characterization of Mn ferrite nanoparticles S. A. Shaban , N. M. Deraza	OB -8
10:25	Synthesis, Characterization and Catalytic Activity of Metal Modified Nanostructure SBA-15 M. S. Ghattas	OB -9
10:50	Effect of Catalyst Deactivation on Vacuum Residue Hydrocracking H.S. Ahmed ; M.F. Menoufy and S. A. Shaban	OB -10
11:10	Alumina surface material from aluminum solid waste and its catalytic application T. M. Abd El Hamid, S. A. Ali	OB -11
11:30	Surface acid – base properties of modified γ -alumina : in situ infrared spectroscopy G. A. H. Mekhmer	OB -12
11:50	Characterization and catalytic behavior of Ni-Mo/Al ₂ O ₃ systems in isopropanol decomposition E.M.Ezzo, M.A.El-kherbawi , M.K.El-Aiashy	OB -13
12:10	Effect of some alloying elements and heat treatment on corrosion behavior of Mg – Al and Mg – Zn alloys N. N. Girgis , A. N. Abdul-azim	OB -14

12:30-13:00 Coffee Break

15:00- 17:00 Poster Session

Chairman: Prof. M.S. Soliman

PB-15:PB-27 (Room 2)

17:00-18:00 Coffee Break

Applied Chemistry (Room B)

Tuesday, March 17, 2009

D4-Applied Chemistry

Co-Chairs: Prof. E.R. Kandeel & Prof. M.E.M. Emam

Start time	Title of Paper & Author(s)	Abstract #
13:00	A Comparative Study on Separation and Characterization of High Melting Point Macro- and Microcrystalline Waxes M.T. Zaky, N. H. Mohamed	OD -20
13:20	Modeling and Simulation for Fischer-Tropsch Synthesis Process Using Slurry Bubble Column Reactor S. F. Deriase, S. A. EL Temtamy , T. S. Gendy, H. A.El- Mawgoud	OD -21
13:40	The Role of Surfactants on The Catalytic Hydroxylation of Benzene by Hydrogen Peroxide S. A. Shaban , S. M.I. Morsy, M. M.Selim	OD -22
14:00	Preparation and Evaluation of Alkyl Biphenyl Based Nonionic Surfactants T.M. Kassem , F.M. Guiba, A.S. Mohamed	OD -23
14:20	Polymers - Copolymer as Flow Improvers for Fuel Oils and theirs Electrical Conductivity T. T. Khidr , H. A. Aziz	OD -24
14:40	Copper and Cobalt Oxides Supported on Modified Starch and their Catalytic Activities in H ₂ O ₂ Decomposition W. E. Rashwan , Y.M. Fahmy	OD -25

15:00- 17:00 Poster Session

Chairman: Prof. M. Abdel-Mogib

PD-31: PD-62 (Room 4)

17:00-18:00 Coffee Break

Organic Chemistry (Room C)

Tuesday, March 17, 2009

C2-Organic Chemistry

Co-Chairs: Prof. A.H. Abdel-Rahman & Prof. E.M. Kandeel

Start time	Title of Paper & Author(s)	Abstract #
10:00	Biologically Active Heterocyclic Compounds from Laboratory Available Starting Materials F. M. Abdelrazek	OC - 6
10:40	Synthesis of Novel Macrocyclic Peptido-Pyridines as Precursors for Potential Molecular Metallacages, Chemosensors and Biologically Active Candidates A. Abd El-Galil , Abo-Ghalia Mohamed, Abdalah Mohamed	OC - 7
11:10	Synthesis and Pharmacological Studies of Novel 1,2,5- Thiadiazole-1-Oxide Derivatives for The Treatment of Alzheimer Disease A. Tantawy , F. Goda, A. Barghash, A. Salah	OC - 2
11:40	C-Furyl glycosides, I: synthesis and antimicrobial evaluation of C-furyl glycosides and their derived chalcones W. A. El-Sayed , M. M. M. Ramiz, A. A.-H. Abdel-Rahman	OC - 15
12:10	One-Pot Synthesis of New Pyrimidoquinolines and its Nucleosides as potential Analgesic and Anti-inflammatory Activities H.-A. S. Abbass , Hend N. Hafez	OC - 12

12.30-13:00 Coffee Break

C3-Organic chemistry

Co-Chairs: Prof. E.M. Afsah & Prof. H.H. Zoorob

Start time	Title of Paper & Author(s)	Abstract #
13:00	Synthesis, Mass Spectra and Antimicrobial Activity of Some Nitrogen Heterocycles M. A. Zein, I. M. El-Deen	OC - 11
13:20	An Efficient Synthesis of New Substituted Spiro Pyrazolethieno, Pyrimidinethieno and Benzodiazepinethieno Pyridazin Derivatives with antimicrobial activity R. A. M. Faty, H. A. R. Hussein A. M. S. Youssef	OC - 13
13:40	A Novel Synthesis of 1,4-Diazaspiro[4.5]Decane-6-Carbonitrile Starting with α -Alkenoyl Ketene- <i>S,S</i> -Acetals A. M. El-Saghier , M. A. Makhlof, M. M. Farhat, A. A. Sultan , W. M. A. Al-Adiwish	OC - 8
14:00	Phosphorylation of Some Products Formed <i>Via</i> the Reaction of Acenaphthenequinone with Diazoalkanes E.A. El-Sawi , T. B. Mostafa, H. A. Radwan	OC - 9
14:20	Pyrazolo[3,4-D]Pyrimidine Derivatives as A Novel Class of Anti-Inflammatory and Anti-Allergic Agents: Synthesis, Structural Characterization and Pharmacological Evaluation O. I. Abd El-Salam , M. E. A. Zaki, M. M. Said, Mohamed Abdulla	OC - 14
14:40	Synthesis, Anti-Oxidant, Anti-Inflammatory and Analgesic Activities of some New Pyrrolo[2,3-d]Thiazolo[3,2-a]Pyrimidine Derivatives A. A. Abu-Hashem , M. M. Youssef, F. A. Badria	OC - 10

15:00-17:00 Poster Session

Chairman: Prof. H. Etman

PC-42:PC-57 (Room 3)

17:00-18:00 Coffee Break

Applied Chemistry (Room D)

Tuesday, March 17, 2009

D2-Applied Chemistry

Co-Chairs: Prof. S.K. Basily & Prof. H.M. Hassen

Start time	Title of Paper & Author(s)	Abstract #
10:00	Inhibition of Asphaltene Precipitation During Oil Production Using Oil-Soluble Amphiphiles. Th. Abdel-Moghny , M. Ramzi	OD -7
10:30	Source Rocks Evaluation of Sidi Salem-1 Well in the Onshore Nile Delta, Egypt M. M. El Nady, F. M. Harb	OD -8
10:50	The Influence of Fatty Acids on the Structural and Functional Properties of Gelatin Films E. A. Soliman , A. A. Elzatahry, M. Furuta	OD -9
11:10	Synthesis and Characterization of Some Organic Esters and for the production of Hydraulic brake Fluids H.M. Mohamed , M.EL-Abd-raouf, A. M. Radwan	OD -10
11:30	Utilization of The Carbonate Deposits for Building Materials Industries Along The Red Sea Coast, Egypt H.S. Hassan , N.G. Abd El-Ghafour, H.H. Assal	OD -11
11:50	Effect of Water –Reducing Admixtures on the Resistance of Hardened Cement Pastes to Sulfate Attack E. E. Hekal , E. A Kishar, M. A. El-Dein	OD -12
12:10	Characterization of new and advanced lightweight material for high temperature application H. Halfa	OD -13

12:30-13:00 Coffee Break

D3-Applied Chemistry

Co-Chairs: Prof. S. El-Hakam & Prof. M.M. Girges

Start time	Title of Paper & Author(s)	Abstract #
13:00	Comparison Study between Direct and Indirect Labeling of Estradiol for Radioimmunoassay Purpose Kh. M. Sallam	OD -14
13:20	Preparation of Water-in-Kerosene Nanoemulsions Using High Energy Method A.M.Al-Sabagh, R. Miller, M. R. Noor El-Din	OD -15
13:40	Separation and Formulation of Ultrapure Liquid Petrolatum from Egyptian Petroleum Waxy Byproduct M.T. Zaky	OD -16
14:00	Analysis and Characterization of Aromatic fraction of Red Sea Shale Oil J. S. Basta, M. M. Doheim	OD -17
14:20	Numerical Implementation of Wavelet-Galerkin Method with two-Dimensional Wavelet Expansion to the Heat Equation H. Hashish	OD -33
14:40	Infrared absorption spectra of transition metals doped soda lime silica glasses E. M. Khalil F.H. ElBatal, Y. M. Hamdy, H. M. Zidan, M. S. Aziz, A. M. Abdelghany	OD -19

Bio., Pharm. & Agri. (Room E)

Tuesday, March 17, 2009

D1-Biocehmistry

Co-Chairs: Prof. H.Gh. Osman & Prof. M. El-Far

Start time	Title of Paper & Author(s)	Abstract #
10:00	Photodynamic Therapy of Tumors Using Laser. M. El-Far	OE-1
10:30	Role of Urinary Tubular Enzymes in Differentiation between Obstructed and Dilated Nonobstructed Kidneys in Children with Congenital Ureteropelvic Junction Narrowing M. A. Taha , A.A. Shokeir, H.G. Osman, A.F. Abd El-Aziz, S.E. Farahat	OE-2
10:50	Assessment of HeLa S3 Cell Growth in Serum-Enriched and Serum-Free Media S.H. Abdeen , H.A. El-Enshasy, A.M. Abdeen, A.A. El Sherif	OE-3
11:10	Influence of Different Reinforcing Materials on the Rheology of Provisional Restorations A.A. El-Fallal, M.H. Ghazy , A.B. El-Bediwi, M. Saad	OE-4
11:30	Microbial Population and Enzyme Activities during Composting Process F.I. El-Hawary , F.I. Hauka, A.H. Amer, A.N. Estefanousand, Y.S. El-Akshar	OE-5
11:50	A Comparative Study of Urinary Htert, NMP ₂₂ , DNA Analysis and Cytology in the Detection and Surveillance of Bladder Cancer F. Zahran , M.A.El-Desouky, B. Ali-El-Dein, M.S. Aboelseoud	OE -6
12:10	Single Cell Oil Production by an Oleaginous Yeast Strain H. El-Faddaly, N. E. El-Naggat, E.M. Marwan	OE -7

12:30-13:00 Coffee Break

15:00- 17:00 Poster Session

Chairman: Prof. A.M. El-Waseef

PE-1:PE-37 (Room 5)

17:00-18:00 Coffee Break

Analytical, Inorganic and Environmental (Room A)

Wednesday, March 18, 2009

A3-Anal., Inorg. & Environmental Chemistry

Co-Chairs: Prof. K.M. Ibrahim & Prof. G.M. Abu El-Reash

Start time	Title of Paper & Author(s)	Abstract #
10:00	Simultaneous Determination of Some Metal Ions in Water Samples by Stripping Voltammetry at Hanging Mercury Drop and Montmorillonite-Calcium Modified Carbon Paste Electrodes M.M. Ghoneim	OA -12
10:30	Preparation of Ion Exchangers from Different Pulps A. M. A. Nada; A.M. El-Masry; E. N. Ads	OA -13
11:00	Removal of Some Heavy Metals on Novel Unsaturated Polyamide H. M. Aly , S.K Badr	OA -14
11:30	Synthesis, Spectroscopic Characterization of New Symmetric and Asymmetric Copper (II) Complexes; Study Their Effect on Topoisomerase Enzyme by Immunohistochemistry A.S. El-Tabl, M. M. Abd El-Wahed	OA -15
12:00	Self-assembly of supramolecular coordination polymers constructed from CuCN and unidentate pyridine bases S. E. H. Etaiw , S. A. Amer, M. M. El-bendary	OA -16

12:30- 13:00 Coffee Break

13:00- 15:00 Poster Session

Chairman: Prof. N. Nawar

PA-31: PA-45 (Room 1)

Physical Chemistry

Wednesday, March 18, 2009

13:00- 15:00 Poster Session

Chairman: Prof. E.A. Gomaa

PB-28:PB-31 (Room 2)

Organic Chemistry (Room C)

Wednesday, March 18, 2009

C4-Organic Chemistry

Co-Chairs: Prof. O.M.O. Habib & Prof. M.A. Metwally

Start time	Title of Paper & Author(s)	Abstract #
10:00	Amino acid derivatives: synthesis and antimicrobial evaluation of α -amino acid esters bearing a tryptophane side chain Ahmed Hameurlaine, W. A. El-Sayed, A. A.-H. Abdel-Rahman	OC - 17
10:30	Coumarins from <i>Cynanchum acutum</i> A. El Demerdash , A. M. Dawidar, E. M. Keshk, M. Abdel-Mogib	OC - 18
10:50	Synthesis and Biological Evaluation of Some New Quinazoline Derivatives O. M. O. Habib, H. M. Hassan, A. El-Mekabaty	OC - 19
11:10	Facile Synthesis of Some New 1,4-Dihydropyrido[2,3-d] pyrimidine Derivatives A. A. Fadda, A. El-Shafie, S. Bondock, A. M. Khalil, E. H. Tawfik	OC - 20
11:30	Cyanoacetylation of 2-Aminothiophene Derivative and Synthesis of Some Novel Compounds as Anti Microbial Activity A. M. Khalil, M. A. Berghoat, M. A. Gouda, G. E. Abd-Elghani	OC - 21
11:50	A New Method for Enlargement of Macro Hetero- Cyclic Compounds E. M. Afsah, A. A. Fadda, S. Bondock, M. M. Hammouda	OC - 22
12:10	Phase Transfer Catalyzed Heterogeneous N-Deacetylation of Chitin in Alkaline Solution A. A. Sarhan, D. S. Badawy, D. M. Ayad, M. M. Ibrahim	OC - 23

12.30-13:00 Coffee Break

13:00-15:00 Poster Session

Chairman: E.A. Abdel-Razik

PC-58: PC-70 (Room 3)

Applied Chemistry (Room D)

Wednesday, March 18, 2009

D5-Applied Chemistry

Co-Chairs: Prof. W.S. Hamama & Prof. A.I. El-Kholy

Start time	Title of Paper & Author(s)	Abstract #
10:00	Purification of Waste water from Heavy Metal Ions Using Modified Polymers E. M. Abdel Bary , M. Y. Abdelaal, I. M. Kenawy, I. El-sherbiny, E. Moawad, N. H. Hussein	OD -28
10:30	Determination of Chlorinated Aliphatic Hydrocarbons in Air Using Polyaniline Coated Quartz Crystal Microbalance Sensor <i>M. M. Ayad, G. El-Hefnawy, N. L. Torad</i>	OD-27
10:50	Photodegradation of Allura Red and Quinoline Yellow Dyes with Polyaniline/TiO ₂ nanocomposite M. A. Salem , A. F. Al-Ghonemiy, A. B. Zaki	OD -26
11:10	The Use of the Calcareous Mud from the Sugar Beet Companies in the Sintering Plant in the Iron and Steel Company in Egypt E. M.A. Rassoul	OD -29
11:30	Stochastic Solution of Stochastic Differential Equations with Random Parameters M.M. Saleh, E. M. Mahamed	OD -30
11:50	A Comparison between the Sinc-Galerkin and the Modified Decomposition Methods for Solving Two-point Boundary-Value Problems M. El-gamel	OD -31
12:10	Stefan Problem by Wavelet Galerkin Method S.H. Behiry , M.I. Hassan, H. Hashish, E.A. Sayed	OD -32

12:30-13:00 Coffee Break

Program committee

Prof. A.A. El-Shafei

Dr. E. Abdel-Galil

Dr. A.M. El-Sokkary

Dr. A.M. El-Defrawy

Mr. K. Shalabi

Mr. A.A. Ibrahim