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Welcome Message

Dear colleagues

On behalf of the organizing committee and personally, I would like to welcome our guests and participants who honored us by sharing their knowledge and experiences in our 13th CCRD-2017 conference on chemical sciences. It will be held in Mansoura-Sharm El Sheikh, Egypt.

I wish our guests a pleasant and fruitful stay in Egypt and hoping to welcome them several times in the future.

Chemistry Department, Faculty of Science, Mansoura University, is the organizer of 13th ICCRD-2017 Conference (more than 30 years) on Chemical Sciences. Most of previous conferences in this series were organized in Mansoura City and in the beautiful touristic City Sharm El-Sheikh.

We are very proud that for the first time teams from ministry of defense and industry will share with us their expertise in the conference.

Allow me also to express my deep and warm thanks to all those who supported us and sponsored our conference.

We are glad that a notable number of young chemists are sharing their findings in all branches of chemistry and science with other chemist attending this conference.

We are proud that distinguished professors from abroad will present their up to date findings and expertise in the conference. We are sure that this will motivate younger chemists to work hard for similar achievements.

My sincere thanks and appreciation are due to all members of the organizing committee for devoted work to ensure the success of this event.

The Chairman of the Organizing Committee

Nagwa Nawar

**Head of the Chemistry Department
Faculty of Science, Mansoura University**

PROGRAM

Oral Presentation Sessions

| Session | Place |
|-----------------------------------------------------------------------|---------------|
| S1-Water Treatment and Analytical Chemistry | Hall 1 |
| S2- Coordination Chemistry | Hall 1 |
| S3-Biochemistry, Biological Systems and Medicinal Applications | Hall 2 |
| S4-Organic Synthesis | Hall 2 |
| S5-Bio-organic Chemistry andApplications | Hall 2 |
| S6-Physical Chemistry 1 | Hall 3 |
| S7- Physical Chemistry 2 | Hall 1 |
| S8-Industry, Biotechnology and nanotechnology 1 | Hall 3 |
| S9- Industry, Biotechnology and nanotechnology 2 | Hall 3 |
| S10- Surface and Catalysis | Hall 3 |

List of Plenary Speakers and Moderators

| Date | Time | Place | Speaker | Moderators | Session |
|-------------|-------------|--------------------|----------------------------|-------------------|----------------|
| 20-3-2017 | 12:00 pm | Ahmed Hamza Hall | Can Li, China | NagwaNawar | PL-1 |
| 20-3-2017 | 12:45 pm | Ahmed Hamza Hall | El Sayed I. El Bose, Egypt | NagwaNawar | PL-2 |
| 20-3-2017 | 1:45 pm | Ahmed Hamza Hall | El SayedAbd El Bary, Egypt | MagdyAbdElaal | PL-3 |
| 20-3-2017 | 9:30 am | Ahmed Hamza Hall 3 | Mohamed El far, Egypt | MagdyAbdElaal | PL-4 |
| 21-3-2017 | 4:30 pm | Main Hall | Ibrahim El Sherbiny, Egypt | Salem Samra | PL-5 |
| 21-3-2017 | 5:0 pm | Main Hall | ThomasKurz, Germany | Mohamed El Far | PL-6 |
| 21-3-2017 | 5:30pm | Main Hall | Can Li, China | SaharMostafa | PL-7 |
| 21-3-2017 | 6:0pm | Main Hall | Mamoru Koketsu, Japan | Usama El Ayaan | PL-8 |
| 22-3-2017 | 10:30 am | Main Hall | KasemK. Kasem, USA | Mohsen Mostafa | PL-9 |
| 23-3-2017 | 10:30 am | Main Hall | TarekSadek, Egypt | Hassan Etman | PL-10 |

20th March 2017, First Day

9:00 – 11:00 am *Registration*

11:00 – 12:00 am *Opening Ceremony; Ahmed Hamza Hall, Faculty of Science,
Mansoura University*

Moderator: Prof. Nagwa Nawar

12:00-1:30pm *Plenary Lectures*

- **Prof. Can Li; Chemical Energy Conversion for Sustainable Development**

- **Major General El Sayed I. El Bose; The Role of Chemical Department in The Development of Egypt.**

1:30- 2:00 pm *Coffee Break*

Moderator: Prof. Magdy AbdElal

2:00-3:00pm *Plenary Lectures*

- **Prof. El Sayed Abd El Bary; Economical and Environmental Impact of Plastic and Rubber Recycling**

- **Prof. Mohamed El Far; Innovations in Biomedical Applications: An Overview of 40 Years Experience**

3:00-4:00 pm *Ahmed Hamza Hall, Faculty of Science, Mansoura University*

Panel Discussion dealing with Chemical Educations and Laboratories Safety.

Moderators: Prof. Ashraf Abd El Basset (Vice President of Mansoura University) & Prof. Maher Amer (Vice Dean of Faculty of Science for Environmental and Development) & Prof. Elsayed Eldessouky (Vice Dean of Faculty of Science for Higher Education and Research).

3:0-4:0 pm Poster Session; 4th Floor in the Corridor of Ahmed Hamza Hall
Moderator: Prof. Ahmed Fadda&Prof. Awad Ibrahim

| Session | PP number |
|------------------------------------------------------------------------|-----------------------------------------------------------|
| S1- Water Treatment and Analytical Chemistry | S1-PP14, S1-PP15 |
| S2- Coordination Chemistry | S2-PP22, S2-PP23 |
| S3- Biochemistry, Biological Systems and Medicinal Applications | S3-PP1-S3-PP3 S3-PP26, S3-PP32 |
| S4- Organic Synthesis | S4-PP10 |
| S5- Bio-Organic Chemistry and Applications | S5-PP30 |
| S6-Physical Chemistry 1 | S6-PP3 |
| S10-Surface and Catalysis | S10-PP2, S10-PP8, S10-PP10, S10-PP12, S10-PP13 |

21st March 2017, Second Day

2:00 – 4:00pm Registration

**4:00 – 4:30 pm Opening Ceremony; MainHall, Helton Dream Hotel,Sharm El
Sheikh**

4:30-6:30pm Plenary Lectures

Moderator: Prof. Salem Samra

- Prof. Ibrahim El Shebiny; Novel Stimuli-Responsive Nano and Nano-in-microsystems for Biomedical Applications

Moderator: Prof. SaharMostafa

- Prof. Can Li; Chemical Synthesis in Nanoreactors

Moderator: Prof. Mohamed El Far

- Prof. T. Kurz; Dxr as target for antiinfective drug discovery: Synthesis, antiplasmodial properties and structural biology of reverse fosmidomycin derivatives

Moderator: Prof. Usama El Ayaan

- Prof. M. Koketsu; Preparation of Pterocarpan Derivatives and their Inhibitory Effects Against Microorganism

7:00 pm Buffet

**Program of Plenary and Key Note Speakers Lectures,
Oral and Posters Presentations**

22nd March 2017, Third Day

Plenary Lecture (PL9)

Moderator: Prof. Esam Arafa

10:30 – 11:00 am Opening Day Lecture

Prof. Kasem K. Kasem

School of Sciences, Indiana University Kokomo, Kokomo, IN, 46904, USA

Photo-Magnetic/Electrochemical Investigation of Photoactive Inorganic /Organic Interfaces; Steps towards Spintronics

S1-Water Treatment and Analytical Chemistry

Presentation Hall 1; Key Note Speaker -S1

Chairman: Prof. Mohsen Mostafa & Prof. Naheed El Anany

11:15 – 11:40

S.I. Mostafa

KNS-1

**Department of Chemistry, Faculty of Science, Mansoura University, Egypt
Anticancer Activity and DNA interaction of New Second and Third
Row Transition Metal–Enantiomeric Benzothiazole Complexes**

11:40 – 11:55

El-Shahat H.A. Nashy

S1-OP1

**Chemistry of Tanning Materials and Leather Technology Department, National
Research Centre, Dokki, Giza 12622, Egypt
An Advanced Oxidation for Elimination of Environmental Impact of Chrome
Tanning Effluent Based on Electro Fenton Reactions**

11:55 – 12:10

W.I. Mortada

S1-OP2

**Urology and Nephrology Center, Mansoura University, Mansoura 35516, Egypt
Health Risk Assessment of Nitrite and Nitrate Exposure from Drinking Water
among General Population in Nile delta, Egypt**

12:10 – 12:25

M.A. El-Hagrasy

S1-OP3

**Chemistry Department, Faculty of Science, Damietta University, Damietta, Egypt
Recovery and Determination of Palladium from its Alloys Using Iminodiacetic
Polyurethane/Carbon Nanofibers Sorbent**

12:25 – 12:40

A.M. Abdul-Raheim

S1-OP4

**Egyptian Petroleum Research Institute, 1-Ahmed El-Zomor St., Nasr City, Cairo,
Egypt
Removal of Heavy Metals from Industrial Waste Water by Biomass-Based
Materials: A Review**

12:40 – 12:55

H.S. Abd El-Haleem

S1-OP5

**Nanomaterials Laboratory, Center for Materials Science, Zewail City of Science
and Technology, 6th October City, 12588 Giza, Egypt
Chemically Treated Chitosan Functionalized by Random Aligned Manganese
Dioxide Nanorods as a New Electrode Modifier Nanomaterial for Clinical
Enzymatic Detection of Glucose**

1:00 – 1:30 pm

Coffee Break

S3- Biochemistry, Biological Systems and Medicinal Applications

Presentation Hall 2; Key Note Speaker- S3

Chairman: Prof. Mohamed El Far & Prof. Thomas Kurz

11:15 – 11:40

L.A. Eissa

KNS-2

*Department of Biochemistry, Faculty of Pharmacy, Mansoura University,
Mansoura, 35516, Egypt.*

**Inhibitory Effect of Glycyrrhizin and Omega-3 Fatty Acids On Toll Like
Receptor-4/Nuclear Factor-Kappa B Pathway in Experimentally Induced
Liver Fibrosis**

11:40 – 11:55

I.H. Ali

S3-OP1

*Nanomaterials Lab, Center of Material Science (CMS), Zewail City of Science and
Technology, 6th October, Giza 12588, Egypt*

**Phenytoin/Sildenafil Loaded PLLA-based Nanofibrous Scaffold as an Active
Wound Dressing for Promotion of Wound Healing and Skin Regeneration**

11:55 – 12:10

M.A.Sobh

S3-OP2

*Experimental Biology, Urology and Nephrology Center, Mansoura University,
Egypt.*

**The Effect of Bromodeoxyuridine on Mesenchymal Stem Cells Viability and
Differentiation**

12:10 – 12:25

A.A.Shahat

S3-OP3

*Pharmacognosy Department, College of Pharmacy, King Saud University P.O.
Box 2457, Riyadh 11451, Phytochemistry Department, National Research
Centre, Giza, Egypt*

**Antimicrobial Activities of Some Selected Traditional Saudi Arabian
Medicinal Plants**

12:25 – 12:40

T.A.Salaheldin

S3-OP4

*Nanotechnology and Advanced Material Central Lab, ARC, Egypt,
MostafaElsayed Nanotechnology Research Centre, British University in Egypt,
Egypt*

**Antibacterial Effect of Gold Nanoparticles against
Corynebacterium Pseudotuberculosis**

12:40 – 12:55

H.A. Sahyon

S3-OP5

Department of Chemistry, Faculty of Science, Kafrelshiekh University, Egypt

Sulfamethoxazole and Quercetin as Anticancer: In-vitro Study

1:00 – 1:30 pm

Coffee break

S6-Physical Chemistry

Presentation Hall 3; Key Note Speaker- S6

Chairman: Prof. Yassen Tamarak & Prof. Essam Arafa

11:15 – 11:40

E.A.M. Gad

KNS-3

Petrochemicals Dept. Egyptian Petroleum Research Institute (EPRI) Nasr City, Cairo Egypt

QSPR for Hydrophilic Lipophilic Balance of Non-ionic Surfactants

11:40 – 12:00

R.M. Mahfouz

S6-OP1

Chemistry Department, Faculty of Science, Assiut University, 71516, Assiut, Egypt

Kinetic Studies of The Non- Isothermal Decomposition of Un-Irradiated and Photon-Irradiated 5-Fluorouracil

12:00 – 12:20

A.S. Mogoda

S6-OP2

Chemistry department, Faculty of Science, Cairo University, Cairo, Egypt

Electrochemical Impedance Study of Porous Silicon Prepared by Metal-Assisted Chemical Etching

12:20 – 12:40

Kh.M. Sallam

S6-OP3

Labeled Compounds Department, Radioisotopes Production Division, Hot Labs Center, Atomic Energy Authority P.O. No. 13759 Cairo, Egypt

Study on The Displacement and The Graphical Methods to Determine Specific Radioactivity in Radioimmunoassay

12:40 – 1:00

K.K. Kasem

S6-OP4

School of Sciences, Indiana University Kokomo, Kokomo, IN, 46904, USA

Photoelectrochemical, and Magnetic Studies on Photoactive Interface Assemblies of Poly Dithiophene (PDTh)/Poly 2 Thionyl Aniline (2ThA)/ Ferromagnetic Mg-doped Fe₂O₃ in Aqueous Electrolytes.

1:00 – 1:30 pm

Coffee break

S2-Coordination Chemistry

Presentation Hall 1; Key Note Speaker- S2

Chairman: Prof. Sahar Mostafa&Prof. Can Li

1:30 –1:55

M.Mostafa

KNS-4

Department of Chemistry, Faculty of Science, Mansoura University, Egypt

Philosophy of Symmetry

1:55 – 2:15

A. Fetoh

S2-OP1

Department of Chemistry, Faculty of Science, Mansoura University, Egypt

Tuning of the Magnetic Properties of a Photochromic Manganese-Based Complex by Visible Light Irradiation.

2:15 –2:35

U. El-Ayaan

S2-OP2

Department of chemistry, College of Science, Mansoura university, Mansoura 35516, Egypt

Reaction of Iron(III) with Neurotransmitters; Dopamine, Dopa and Noradrenaline

2:35 – 2:55

A.A. Shabana

S2-OP3

Chemistry Department, Faculty of Science, Mansoura University, Mansoura 35516, Egypt

Synthesis, Characterization, Anticancer Activity and DNA Interaction Studies of Some 2-Aminobenzothiazole Complexes

2:55 – 3:15

B.A.Elsayed

S2-OP4

Department of Chemistry, Faculty of Science, Al-Azhar University, Cairo, Egypt

Synthesis, Molecular Docking and Application of 4-(2-hydroxy Benzylideneacetohydrazide)-7-Hydroxy Coumarin and its Eu³⁺ Complex Using Spectrofluorimetric Method for Assessment Xanthine Oxidase Activity in Liver Patients

S4-Organic Synthesis

Presentation Hall 2; Key Note Speaker- S4

Chairman: Prof. Wafaa Hamama & Prof. Elsayed Eldessouky

1:30 – 1:55

M. Abdel-Mogib

KNS-5

Chemistry Department, Faculty of Science, Mansoura University, 35516 Mansoura, Egypt

Tephrosia-like Preylflavonoids from *EchiumRauwolfii* Delile

1:55 – 2:15

H.A.S. Abbas

S4-OP1

*Photochemistry Department, National Research Centre, Dokki, Giza, Egypt,
Chemistry Department, College of Science, King Khalid University, Abha, Saudi Arabia*

Synthesis and Anticancer Activity of New Pyrazolyl and Oxadiazolyl Glycosides Based on Thienopyrimidine Nucleus and their Acyclic Analogues

2:15 – 2:35

M.A. Abdel Malik

S4-OP2

Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt

Synthesis, Reactions and Spectral Characterization of Novel Furo[2,3-b]pyrazolo[4,3-e]pyrazines

2:35 – 2:55

E.M. El-Sheref

S4-OP3

Chemistry Department, Faculty of Science, Minia University, El-Minia 61519, Egypt, Chemistry Department, Florida Institute of Technology, 150 W University Blvd., Melbourne, Florida 32901, U.S.A

Facile Synthesis of 1,3-Thiazine-4-ones via Diphenylcyclopropenone

2:55 – 3:15

H.Haba

S4-OP4

Laboratoire de Chimie et Chimie de l'Environnement (L.C.C.E), Département de Chimie, Faculté des Sciences de la Matière, Université de Batna-1, Algérie.

Saponins from *Atractylis* and *Astragalus* Species of the Flora of Algeria

S8-Industry, Biotechnology and Nanotechnology 1

Presentation Hall 3; Key Note Speaker- S8

Chairman: Prof. Magdy AbdElaal & Prof. M. Koketsu

1:30 – 1:50

A. El-Agamey

KNS-6

Department of Physics, Norwegian University of Science and Technology (NTNU), N-7491, Trondheim, Norway, Chemistry Department, Faculty of Science, Damietta University, New Damietta, Damietta, Egypt

Retinol Radical Cation Reactivity: A Laser Flash Photolysis Study

1:50 – 2:05

A.F. Galal

S8-OP1

Housing and Building National Research Center (HBNRC), P. O. Box 1770, Cairo, Egypt

Effect of Temperature on Phase Composition and Microstructure of Artificial Pozzolana - Cement Pastes Containing Burnt Kaolinite Clay

2:05 – 2:20

A.I. Labenaa

S8-OP2

Egyptian Petroleum Research Institute (EPRI), Nasr City, Cairo, Egypt

The Biocidal Effect of a Novel Synthesized Gemini Surfactant on Aerobic Bacterial and Fungal Strains: Planktonic Cells and Biofilms

2:20 – 2:35

A.A. Mahmoud

S8-OP3

Theoretical Physics Research Group, Physics Department, Faculty of Science, Mansoura University, Mansoura 35516, Egypt

Time-Fractional modified-KdV equation for Electron-Acoustic Solitary Waves in Plasma of cold electrons, trapping vortex-like hot electrons and stationary ions

2:35 – 2:50

I.M. El-Sherbiny

S8-OP4

Center for Materials Science, Zewail City of Science and Technology, 6th October City, Giza, Egypt

Development of Core/Shell Nanoparticles Loaded Into Nasal Formulations for Selective Brain Delivery

2:50 – 3:05

F.M. Tera

S8-OP5

National Institute for Standards, Tersa St., Haram, Giza, Egypt

Effect of Easy Care Finishing Methods of Dyed Cotton Fabric on the Dyeing Characteristics and The Mechanical Properties

3:05 – 3:20

M.M. Al Majthoub

S8-OP6

Department of Chemistry, Faculty of science, Taif University, Taif 21974, Saudi Arabia

The Effect of Pressure on Coal Char Combustion and on the Emission of Nitrogen Oxides

22nd March 2017, Third Day

3:30-4:30 pm Hall 1

Panel discussion dealing with Opening cooperation between the Chemical Department and Mansoura University.

Moderators: Major General El Sayed I. El Bose & Prof. Hassan Etman (Ex-Vice President of Mansoura University) & Prof. Nagwa Nawar (Head of the Chemistry Department).

Poster Sessions (3:30 – 4:30)

| Session | Poster Numbers | Place | Chairman |
|----------------|--------------------------------------------------------------------------|------------------|-------------------------------|
| S1 | S1-PP1 to S1-PP10 | Hall 2 | Mahmoud Noor El Deen |
| S2 | S2-PP1 to S2-PP11 | Hall 2 | Usama El Ayaan |
| S3 | S3-PP4 to S3-PP17 | Hall 2 | Magdy Mahfouz |
| S4 | S4-PP1 to S4-PP13 | Hall 3 | Mamdouh Abd El Mougeb |
| S5 | S5-PP1 to S5-PP18 | Hall 3 | Mohamed Abou El Thahab |
| S8 | S8-PP1 to S8-PP17 | Main Hall | Mohamed Emam |
| S10 | S10-PP1, S10-3 to S10-PP7, S10-PP9, S10-PP11 S10-PP14 to S10-PP18 | Main Hall | Hamed Abou El Nadar |

23rd March 2017, Fourth Day

Plenary Lecture (PL10)

Moderator: Prof. EsamArafa

10:30 – 11:00 am **Opening Day Lecture**

Prof. TareqSadeq

Director Manager at Royal Ceramic, Egypt

Chemistry Roles in the Development of Ceramic Technology

S7-Physical Chemistry 2

Presentation Hall 1

Moderator: Prof. K. K. Kasem & Prof. Zakarea Ali

11:15 – 11:35

A.A. Farag

S7-OP1

Egyptian Petroleum Research Institute (EPRI), 1 Ahmed El-Zomor St., Nasr City, 11727, Cairo, Egypt

Blend of N,N-Dimethyl-2-(Phenyl(O-Tolyl)Methoxy)Ethanamine and Iodide Ions as Corrosion Inhibitor for Carbon Steel in Acidic Solution

11:35 – 11:55

E.A.M. Gad

S7-OP2

Petrochemicals Dept. Egyptian Petroleum Research Institute (EPRI) Nasr City, Cairo Egypt.

How to Predict Octane Number Using QSPR Models

11:55 – 12:15

A.M. El-Nahrawy

S7-OP3

Department of Solid State, Physics Division, National Research Centre, 33 El-Bohouth St. (former El-Tahrir St.), P.O. 12622, Dokki Giza, Egypt

Uniformly Dispersed Cellulose/Polypyrrole-TiO₂ Composite in Sol-gel Sodium Silicate Nanoparticles: Structural and Dielectric Properties

12:15 – 12:35

Sh.M. Mukhtar

S7-OP4

Civil & Construction Engineering Department, Higher Technological Institute, 10th of Ramadan City, Egypt

Electrochemical, Spectral Studies on Guar Gum Derivatives in Petroleum Applications

12:35 – 12:50

A.H. Ali

S7-OP5

Department of medicinal laboratory, Faculty of medical Science, University of Taiz, Yemen

Modazaras Promising Save Corrosion Inhibitor of Carbon Steel in Hydrochloric Acid Solution

S5- Bio-organic Chemistry and Organic Applications

Presentation Hall 2; Key Note Speaker- S5

Chairman: Prof. Mamdouh Abd El Mougeb & Prof. Ibrahim El Sherbiny

11:15 – 11:40

M.M. Abou-Elzahab

KNS-7

Department of Chemistry, Faculty of Science, Mansoura University, A. R. Egypt

Photo-Oxygenation Reactions of Furanochromone Derivatives, Memorial Studies of Photo and Photo-oxygenation Reactions of Furanocoumarins

11:40 – 12:00

N.M. Nasser

S5-OP1

Petroleum Applications Department, Egyptian Petroleum Research Institute, Cairo, Egypt

Demulsification of Crude Oil Emulsion Using Ethoxylated and Propoxylated Fatty Acids from the Hydrolyzed Jatropha Oil

12:00 – 12:20

W.M. El-Sayed

S5-OP2

University of Ain Shams, Faculty of Science, Department of Zoology, Abbassia 11566, Cairo, Egypt.

Novel Monocationic Bithiophenes as Scaffolds for Drug Discovery

12:20 – 12:40

N.H. Al Smail

S5-OP3

Deputy Chairperson in QAC, Deputy Chairperson in GSD, Jubail University College

Exceptional Acetylene and Carbon Dioxide Adsorption within a Tetra-amide Functionalized Metal-Organic Framework

S9-Industry, Biotechnology and nanotechnology 2

Presentation Hall 3; Key Note Speaker- S9

Chairman: Prof. M. H. Kheder & Prof. Yasser Mostafa

11:15 – 11:40

M.Y. Abdelaal

KNS-8

Chemistry Department, Faculty of Science, Mansoura University, Mansoura 35516, Egypt, Chemistry Department, Faculty of Science, King Abdulaziz University, PO Box 80203, Jeddah 21589, Saudi Arabia

Preparation and Characterization of Modified Unsaturated Polyester for Different Applications

11:40 – 11:55

M.R. Noor El-Din

S6-OP1

Egyptian Petroleum Research Institute (EPRI), 1 Ahmed El-Zomor St., Nasr City, Cairo, 11727

Study on the Physicochemical Characterization of Diesel Fuel Nanoemulsions at Different Water and Surfactant Contents

11:55 – 12:10

M.M. Abou-Mesalam

S6-OP2

Atomic Energy Authority, Hot Labs Centre, Cairo 13759, Egypt

Effect of Gamma Radiation on the Crystallographic Features and Applications of Stannic Antimonate and Its Dopants

12:10 – 12:25

S. Kamel

S6-OP3

Cellulose & Paper Department, ²Industrial Research Division, ³Department of Solid State Physics, National Research Centre, 33 El Bohouth St. (former El Tahrir St.), P.O. 12622, Dokki, Giza, Egypt

Nanofibrillated Cellulose, Nanopolypyrrole and Silver Nanoparticles Electroconductive Composites

12:25 – 12:40

Y.A. Aggour

S6-OP4

Chemistry Department, Faculty of Science, Damietta University, New-Damietta, Egypt

Evaluation and Characterization of Some Ion Exchangers from a Treated Waste Vulcanized Rubber

12:40 – 12:55

W. Sharmoukh

S6-OP5

Inorganic Chemistry Department, National Research Centre, Tahrir St, Dokki, 12622 Giza, Egypt, Department of Chemistry, KTH Royal Institute of Technology, 10044 Stockholm, Sweden

Molecular Engineering of D-A- π -A and D-D- π -A Based Metal Free Organic Sensitizer for the Enhanced Dye-Sensitized Solar Cells performance

23rd March 2017, Fourth Day

1:0-2:0 pm: Hall 1

Panel discussion dealing with Strengthening the link between Industry and University.

Moderators: Prof. Tareq Sadeq (El Salab University) & Eng. Hossam El Salab (El Salab Company) & Prof. Nagwa Nawar.

Poster Sessions (1:0 – 2:0 pm)

| Session | Poster Numbers | Place | Chairman |
|----------------|----------------------------------------------------------------|------------------|-------------------------------|
| S1 | S1-PP11 to S1-PP13, S1-PP16 to S1-PP23 | Hall 2 | Lobna Mohsen |
| S2 | S2-PP12 to S2-PP21, S2-PP24 | Hall 2 | Badr El Sayed |
| S3 | S3-PP18 to S3-PP25, S3-PP27 to S3-PP31, S3-PP33 | Hall 3 | Abd El Aziz Fotouh |
| S5 | S5-PP19 to S5-PP29, S5-PP31 to S5-PP36 | Hall 3 | Moged Barghout |
| S6 | S6-PP1, S6-PP2, S6-PP5 to S6-PP14 | Main Hall | Salem Samra |
| S8 | S8-PP18 to S8-PP35 | Main Hall | Ali Shaker |

4:00 – 6:30 pm Closing Ceremony and Memorized Party

On behalf of 13th JCCRD-2017, the organization committee, we are delighted to welcome you to our conference. We wish you a stimulating and informative conference, that will enable you collective to advance your chemistry field. We hope that you will have nice opportunity to enjoy the local hospitality and natural beauty of Sharm El Sheikh.

Hoping to see you again in 14th JCCRD-2019

***We wish to acknowledge all our sponsors.
With your financial assistance, 13th ICCRD-2017 have been
supported.***