

Poster Sessions: All Poster Sessions are at Hall C & E**First Day Tuesday, October 18, 2016****14:00-16:30 Poster Session: I P1–P23****Chair Persons: Dr. Amr Abdelghany & Dr. Aly Okasha**

P-01: Dr. Abd-Alrahman Altawaf

Study on the Structure and Physical Properties of BaF₂-PbF₂-B₂O₃ Glasses

P-02: Dr. Amena S. Momen

Effect of MWCNT Doping on the Structural and Optical Properties of PVC/PVDF Polymer Blend

P-03: Dr. Surod A. F. Yousif

Selenium Nanoparticles for Enhancement of Commercial Food Packaging Materials

P-04: Dr. Entisar T. Elzawaly

Structural and Physical Studies of PVC/PVDF Doped Nano Lithium Salt for Electrochemical Applications

P-05: Dr. Nagat M. Altomy

Structural Studies on PVC/PS Polymer Blend Doped with Nano Silica From Renewable Source

P-06: Dr. Raghda Abou Gabal

Tin Bismuth Alloy Modified with Silver Vanadate Nanorods Prepared via Powder Metallurgy; Search for Biomedical Application

P-07: Dr. Ahmed Salah

Visible Light Irradiation Photocatalytic Activity Enhancement of Bi₂WO₆ Nanoparticles by Graphene Composition

P-08: Dr. Fathia S. Alhakami

Green Synthesis of Mixed Metallic Nanoparticles Using Room Temperature Self-Assembly

P-09: Dr. Eman M. Abdallah

Modeling and FTIR of Gamma Rays Irradiated Chitosan Matrix Containing Drug for Sustained Drug Release

P-10: Dr. Esraa G. Elbasuoni

Spectroscopic Studies of Neodymium Ions Role on Bioactivity of Modified Hench Bioglass

P-11: Dr. Norhan M. Sellow

Preparation, Characterization and Physical Studies of Chitosan/Cellulose Acetate Polymer Membrane

P-12: Dr. Mohammed Al-Zaibani

Glass Formation, Thermal Properties and Structure of Ag₂O-TeO₂ System

P-13: Dr. Rawya M. Ramdan

Role of Li₂O or LiF on Spectral Properties of Cobalt Doped Borate Glasses

P-14: Dr. Ahmed E. Tarabiah

Characterization and Physical Studies of PVA/PVP Filled MWCNT

P-15: Dr. Asmaa A. Farahat

Preparation, Characterization and Spectroscopic Studies of Polymeric Blend Based PMMA/PEO

P-16: Dr. Abdelwahab Rajeh

Study of Structural, Thermal, and Mechanical Properties of PU/PVC Doped by Multiwall Carbon Nanotubes

P-17: Dr. Muneer A. Nasher

Spectral, Structural, Optical and Dielectric Studies of Annealed Toluidine Blue Thin Films Prepared by Thermal Evaporation Technique

P-18: Dr. Afaf M. Ali

The Effect of Heat Treatment on Some of the Optical and Structure Properties of Poly (Ethylene-Terephthalate) Fiber

P-19: Dr. Yousry M. Hamdy

Spectral Studies of Mn-doped Alkali Phosphate Glasses Before and After Gamma Irradiation

P-20: Dr. Ahmed Lotfy

Synergistic Characteristics of PVA/PVP Blend Modified with Methylene Blue Dye

P-21: Dr. Adel S. Waqlan

Determination of Structural and Elastic Properties of Rapidly Solidified Fusible Alloys Before and After Irradiation

P-22: Dr. Ahmed Yassin

Structural and Optical Properties of Poly(Vinyl Chloride-Co-VinylAcetate-Co-2-Hydroxypropyl Acrylate)/Graphene Composites

P-23: Dr. Rizk Mostafa Shalaby

Correlation Between Microstructure and Physical Properties of Sn-Sb-X (X = Bi or Zn) Lead-Free Solders for Microelectronics Applications**Second Day Wednesday, October 19, 2016****14:00-17:00 Poster Session: II P24- P46****Chair Persons: Prof. Monazah Khafagi & Dr. Aly Okasha**

P-24: Dr. Yahia H. Elbashar

Spectroscopic Analysis of UV Protection Sunglass

P-25: Dr. Yahia H. Elbashar

Spectroscopic Analysis of UV Laser Protection Eyewear Glass

P-26: Dr. Yahia H. Elbashar

Spectroscopic Analysis of NIR Laser Protection Eyewear Glass

P-27: Dr. Yahia H. Elbashar

Optical Spectroscopic Analysis of Silver Doped Sodium Phosphate Glass and its Antibacterial Activity

P-28: Dr. Yahia H. Elbashar

Spectroscopic Analysis of Copper Phosphate Glass Doped Magnesium

P-29: Dr. Halil Ibrahim Ulusoy

Determination of Trace Hg(II) Ions in Aquatic Mediums by Using A New Composite Material: Oxytetracycline Hydrochloride Grafted Hydrogel

P-30: Dr. Erkan Yilmaz

Trace Determination of Copper by Microsampling Flame Atomic Absorption Spectrometry After Supramolecular Solvent Microextraction

P-31: Dr. Yunus Emre Unsal

A Simple, Rapid and Sensitive Method Based on Modified PHB-B-PDMS Resin for Preconcentration and Determination of Thorium Ions in Environmental Samples

P-32: Dr. Songül Ulusoy

Synthesis and Applications of New Hydrogels Including Selective Ligands for Trace Analysis of Inorganic Species

P-33: Dr. Aya Ismail

Recent Applications of Synchrotron Radiation

P-34: Dr. Emam Z. Omar

Optimization Conditions for Calculating the Areal Craze Density of Drawn Polypropylene Fibres

P-35: Prof. Hatem A. ElBatal

Optical, FTIR Spectra and Thermal Expansion Properties of Barium Borate Glasses Containing Increasing Bismuth Oxide Content

P-36: Dr. Gihan Kamel

Technical Design of the SESAME Infrared Beamline

P-37: Dr. Abeer A. Reffae

Electrical Properties of Waste Poly-Ethylene Terephthalate (PET) Blended with Dust Waste Tire (DWT)

P-38: Dr. Neama G. Imam

Optical and Electrical Properties of Double-Walled Carbon Nanotube/Polyaniline Composite

P-39: Dr. Abdel Rahman A. Menazea

A New Route for Silver Nanoparticles Precipitation in Borate Glasses Using Nanosecond Laser

P-40: Dr. Hawazen A. Althagafi

Studies on the Effect of Gold Nanoparticles Plasmonic Bands on Organic Semiconductor Solar Cells; Copper Phthalocyanine Films

P-41: Dr. Hawazen A. Althagafi

Dependence of the Copper Phthalocyanine Photovoltaic Cells on the Silver Nanoparticles Plasmonic Bands

P-42: Dr. Rasha A. Youness

Molecular Modeling, FTIR Spectral Characterization and Mechanical Properties of Carbonated-Hydroxyapatite Prepared by Mechanochemical Synthesis

P-43: Dr. Entesar H. EL-Araby

Determination of the Radon Activity in Different Type of Water in Jazan and its Assimilation on Carbon Nanomaterials

P-44: Dr. Entesar H. EL-Araby

Assessment of Atmospheric Pollution From Particulate Matter and Heavy Metals in Urban Environment of Jazan

P-45: Prof. Osama Osman

Characteristics of Some Biopolymers and Enhancing their Biophysical Properties

P-46: Dr. RafiOZaman Brohi

Determination of In Vitro Drug Release from Poly Vinyl Alcohol/Zein Nanofibers by UV-Visible Spectroscopy

Last Day Thursday, October 20, 2016

12:00-15:00 Poster Session: III P47-P70

Prof. Osama Osman & Dr. Abdel Aziz Mahmoud

P-47: Dr. Mona A. Saied

Biophysical Properties of Some Maleated Vegetable Oils Filled with Calcium Carbonates

P-48: Dr. Diaa Atta

Effect of Hydrated Dioxin on the Physical and Geometrical Parameters of Some Amino Acids

P-49: Dr. Sara M. Atef

Molecular Spectroscopic Analyses of 2-(Pyranoquinolin-4-yl) Malononitrile

P-50: Dr. Alaa Mahmoud

Distortion and Noise Performance of Semiconductor Laser Under Multi-Tone Modulation for Use in Analog CATV Fiber Links

P-51: Dr. Ayman H. Zaki

Novel Synthesis of Graphene Nanoplatelets-Titanate Nanocomposite from Commercial Graphite and TiO₂ Powder

P-52: Dr. Mohamed R. Abd Allah

Using Zeolite as Heterogeneous Catalyst in Synthesis of Some Heterocyclic Compounds

P-53: Dr. Naziha Suliman Alghunaim

Effect of Blending on the Enhancement of Electronic Properties of Biopolymers

P-54: Dr. Naziha Suliman Alghunaim

Application of Nano Modified Chitosan as Biosensor

P-55: Dr. Fathia Gomaa

Role of Carboxyl Group in the Coordination of Metals in Organic Structures

P-56: Dr. Amina Omar

Molecular Modeling Applications of Some Bio-Polymers

P-57: Dr. Hend Ezzat

Modeling and Spectroscopic Analyses of Soil

P-58: Dr. Mohamed El-Tehewy

Determination of Vibrational Frequencies of Acetic Acid Using Ab Initio Molecular Modeling Calculations

P-59: Prof. Medhat Ibrahim

Modeling the Coordination between Na, Mg, Ca, Fe, Ni, and Zn with Organic Acids

P-60: Dr. Noha Saleh

Molecular Modeling Analyses of Aspartic Acid

P-61: Dr. Abdel Aziz Mahmoud

A Model for the Aquatic Plant Water Hyacinth

P-62: Prof. Medhat Ibrahim

Enhancing the Reactivity of Metal Oxide/Polymer Campsites: Modeling Approach

P-63: Prof. Paola Grenni

The Microbial Ecology Approach for Studying Natural Bacterial Communities

P-64: Dr. Abeer S. Emam

Comparative Study of Small Size Tumors using a Home-made Confocal Laser Scanning System and Spectroscopic Techniques

P-65: Prof. Wolfram Baumann

Raman and X-Ray Analysis of (Pre-) Colombian Art Objects

P-66: Dr. RafiOZaman Brohi

Removal of Arsenic using Iron Functionalized Poly Vinyl Alcohol Nanofibers

P-67: Dr. Ragab Mahani

Dielectric Spectroscopic Studies of Water Hyacinth Plant Collected from Two Different Polluted Media

P-68: Dr. Ahmed Abdel-Moez

Effect of Zn, Cd and Hg on the Physical Properties of Fulleren

P-69: Dr. Ibrahim M. Moussa

Ab Initio Quantum Mechanical Calculations for Vibrational Spectra of Magnesium Oxide

P-70: Dr. Fathia Gomaa

Numerical Modeling of Compositional Change of Spilled Crude Oil as Consequence of Evaporation

P-71: Dr. Mohammed Gumaan

Effect of the Hot Pressing Process on the Mechanical Properties of Sn-Ag-Cu Lad-Free Solders

P-72: Dr. Doaa M. El-Nagar

Smart Green Nanogold Activity on Breast Cancer DMBA-Induced in Female Swiss Albino Mice

P-73: Dr. Ghaleb Asnag

Characterization and Physical Studies of Gold Nano-Particle Modified Polyethylene Oxide (PEO)/Starch Polymer Blend

P-74: Prof. Girogery Arzumanyan

Raman and Nonlinear Optical Microscopy in Biological Studies