



صبح روز ۲۹ مرداد ساعت ۱۱:۰۰ الی ۱۲:۲۰

Salon 1

| Time | Presenter | Paper Title | |
|----------------------------|-------------------------|---|-------------------------|
| 11:00-11:20 (20 minute) | Dr. Hossein Nikoofard | Investigation of Thermodynamic Stability of para-Phenylthiophen Derivatives using G4 Theory | Quantum Chemistry |
| 11:20-11:40 (20 minute) | Mr. Samad Amini | Electron-holes Asymmetry behavior of single wall carbon nanotube (5, 0) as semiconductor exposed to external electric field | Quantum Chemistry |
| 11:40-12:00 (20 minute) | Dr. Yavar Taghipourazar | First Principles Calculation to Investigate of Temperature and Environmental Effect on the EPR Properties of α -Aminoisobutyric acid Radicals in Aqueous Solution at Different pH Values | Quantum Chemistry |
| 12:00-12:20 (20 minute) | Dr. Leila Ebrahimi | Investigation of the Structure and Dynamics of Sarin Adsorption on Graphene Surfaces using Molecular Dynamics Simulation | Computational Chemistry |

salon 2

| Time | Presenter | Paper Title | |
|----------------------------|-------------------------|---|-------------------------|
| 11:00-11:20 (20 minute) | Dr. Bahman Jamehbozorg | Solid-Liquid and Vapor-Liquid Equilibria Measurements for the Aqueous Ionic Liquid/Carbohydrate Systems | Chemical Thermodynamics |
| 11:20-11:40 (20 minute) | Ms. Masumeh Mokhtarpour | The Aqueous Solubility of Indomethacin in the Presence of Tetrabutylammonium Bromide Based Deep Eutectic Solvents at Various Temperatures | Chemical Thermodynamics |
| 11:40-12:00 (20 minute) | Dr. Nosaibah Ebrahimi | Selective Partitioning of Alkaloids in Alcohol-Carbohydrate Aqueous Two-Phase Systems | Chemical Thermodynamics |
| 12:00-12:20 (20 minute) | | | |



بعد از ظهر روز ۲۹ مرداد ساعت ۱۴:۰۰ الی ۱۵:۲۰

Salon 1

| Time | Presenter | Paper Title | |
|----------------------------|----------------------------|---|-----------------------------------|
| 14 -14:20 (20 minute) | Dr. Hamid Reza Shamlouei | Donor-Acceptor group effects on structure and NLO properties of some small Fullerenes | Computational Chemistry |
| 14:20-14:40 (20 minute) | Dr. Delara Mohammad-Aghaie | Permeation of Curcumin and Its Derivatives through the DPPC Model Membrane: A Molecular Dynamics Simulation Study | Computational Chemistry |
| 14:40-15 (20 minute) | Mr. Hamed Douroudgari | Quantum chemical dynamic calculation of unimolecular reactions in the gas and solution phases | Computational Chemistry |
| 15-15:20 (20 minute) | Dr. Mohammad Ali Rezvani | New nanocomposite base on sandwich-type polyoxometalate Fe ₂ W ₁₈ Fe ₄ as a nanocatalyst for germination of barley seeds | Surface Chemistry and Solid State |

salon 2

| Time | Presenter | Paper Title | |
|----------------------------|--------------------|---|------------------------|
| 14 -14:20 (20 minute) | Mr. Davood Kazemi | Investigation of the kinetics and isotherms of the uptake of Bi(III) by a poly(vinyl chloride) inclusion membrane containing di-(2-ethylhexyl)phosphoric acid | Chemical Kinetics |
| 14:20-14:40 (20 minute) | Mr. Amin Moradpour | Water splitting and oxygen evolution by BiVO ₄ - Mn ₃ O ₄ | Chemical Kinetics |
| 14:40-15 (20 minute) | Mr. Hamid Hadi | Proposed use of cobalt-zinc ferrite nanoparticle (CoZnFe ₂ O ₄) to improve the quality of MRI images: Non-clinical approach | Nano-Chemistry Physics |
| 15-15:20 (20 minute) | Mr. Erfan Zare | Improvement of thermal conductivity of hydrogel 2-Acrylamido-2-Methyl-1-Propanesulfonic Acid by carbon nanostructure | Nano-Chemistry Physics |



بعد از ظهر روز ۲۹ مرداد ساعت ۱۷:۴۰ الی ۱۶:۳۰

Salon 1

| Time | Presenter | Paper Title | |
|-----------------------------|-----------------------|---|-------------------|
| 16:30 -17:00 (30 minute) | Dr. Mohsen Lashgari | Water Splitting, Semiconductor Solar-Energy Materials, and H-based Fuels: A Physico-Electrochemical Perspective | |
| 17:00-17:20 (20 minute) | Dr. Alireza Shayesteh | Spin-Orbit Coupling Matrix Elements in Electronic States of PdH | Quantum Chemistry |
| 17:20-17:40 (20 minute) | Mr. Javad Tariverdi | What is quantum clock? | Quantum Chemistry |

salon 2



صبح روز ۳۰ مرداد ساعت ۹:۵۰ الی ۸:۳۰

Salon 1

| Time | Presenter | Paper Title | |
|--------------------------|----------------------------|---|---------------------------|
| 8:30-8:50 (20 minute) | Dr. Morteza Ebrahimzhad | The role of polypropylene monofilament and effective parameters in the design and size of nanoscale surgical mesh pile fabrics | Nano-Chemistry Physics |
| 8:50-9:10 (20 minute) | Ms. Hananeh Zaferanlou | Green Synthesis of Copper Oxide Nanoparticles Using Gundelia tournefortii and Aloe Vera Extract: Investigation of Characteristics and Removal Ability of Heavy Metal | Nano-Chemistry Physics |
| 9:10-9:30 (20 minute) | Ms. Samaneh Ganji Lisar. | Electrophoretic Deposition of Graphen-Cobalt-Phosphor Based Nanocomposite for Hydrogen Evolution Reaction | Nano-Chemistry Physics |
| 9:30-9:50 (20 minute) | Dr. Simon Yves Djoko Tameu | Urea And Green Tea Like Precursors For The Preparation Of g-C3N4 Based Carbon Nanomaterials (CNMs) Composite: Used As Photocatalyst For Photodegradation of Pollutants Under UV-Light Irradiation | Nano-Chemistry Physics |

salon 2

| Time | Presenter | Paper Title | |
|--------------------------|--------------------|---|------------------|
| 8:30-8:50 (20 minute) | Dr. Somayeh Majidi | Electrochemical performance stability of Pd-Co/rGO nano-catalyst in Ethanol electro-oxidation reaction | Electrochemistry |
| 8:50-9:10 (20 minute) | Ms. Maryam Bagheri | Electrochemical oxidation of acetaminophen in the presence of metformin | Electrochemistry |
| 9:10-9:30 (20 minute) | Mr. Ali Meftahi | Investigation of Electrochemical Properties of Calcium Manganese Oxide as Supercapacitor Electrode Material | Electrochemistry |
| 9:30-9:50 (20 minute) | | | |



بعد ظهر روز ۳۰ مرداد ساعت ۱۵:۲۰ الی ۱۴

Salon 1

| Time | Presenter | Paper Title | |
|----------------------------|------------------------------|---|-------------------------|
| 14-14:20 (20 minute) | Dr. Saideh Tafreshi | Density Functional Theory Calculations of CO ₂ Reduction Mechanism on Hybrid Photocatalyst Under Visible Light | Computational Chemistry |
| 14:20-14:40 (20 minute) | Mr. Mohammad Aarabi | Interaction of CO and NO with Heme-FeIII in Gas Phase | Computational Chemistry |
| 14:40-15:00 (20 minute) | Dr. Muhammad Hossein Kowsari | Local Microscopic Structure of the Biocompatible Cholinium Glycinate Ionic Liquid | Computational Chemistry |
| 15-15:20 (20 minute) | Ms. Samaneh Baranipour | The Structure Study of the Water molecules in a Transmembrane Cyclic Peptide Nanotube : A Molecular Dynamics Simulation | Computational Chemistry |

salon 2

| Time | Presenter | Paper Title | |
|----------------------------|-----------------------------|---|---------------------------|
| 14-14:20 (20 minute) | Dr. Karzan Abdulkareem Omar | Butyric Acid-based Deep Eutectic Solvent as a novel catalyst for esterification Reaction | Chemical Thermodynamics |
| 14:20-14:40 (20 minute) | Ms. Mitra Rafizadeh | The Investigation of Adsorptive Performance of Co ₃ O ₄ Nanoparticles in the Removal of Cd ²⁺ ions | Applied Physics Chemistry |
| 14:40-15 (20 minute) | Mr. Mohammad Tashakori | Computational Modeling of Glutathione Peroxidase Mimic in Hydrogen Peroxide Reduction at Various Temperatures | Chemical Thermodynamics |
| 15-15:20 (20 minute) | Ms. Mona Jalali Rad | Kinetic Study of Hydrogen Generation Reaction Over Co/Salep Nano Catalyst | Applied Physics Chemistry |



صبح روز ۳۱ مرداد ساعت ۱۰:۳۰ الی ۸:۳۰

Salon 1

| Time | Presenter | Paper Title | |
|----------------------------|----------------------------|--|---------------------------|
| 8:30-9:10 (40 minute) | Dr. Jaber Jahanbin | | |
| 9:10-9:30 (20 minute) | Dr. Elaheh Gharibshahian | The effect of mole ratio variation of poly vinyl alcohol as capping agent on size and shape of KTiOPO ₄ (KTP) nano particles synthesized by co-precipitation method | Nano-Chemistry Physics |
| 9:30-9:50 (20 minute) | Dr. Tahereh Rohani Bastami | Sono-synthesis of AuNPs@PMo ₁₂ nanohybrids as a smart nanoprobe | Nano-Chemistry Physics |
| 9:50-10:10 (20 minute) | Dr. Hassan Faridnouri | Direct electron transfers improvement of immobilized tyrosinase using the modified MWCNT-Sp on glassy carbon electrode | Electrochemistry |
| 10:10-10:30 (20 minute) | | | |

salon 2

| Time | Presenter | Paper Title | |
|----------------------------|-------------------------|---|---------------------------|
| 9:10-9:30 (20 minute) | Mr. Morteza Vaezi | Investigation of the interaction between quercetin and Jack bean urease by Isothermal Titration Calorimetry and Hill analysis | Biophysical Chemistry |
| 9:30-9:50 (20 minute) | Dr. Nabieh Farhami | Removal Of Vanadium Ion From Industrial WasteWater By Adsorption Using Nano Composite Of Magnesium Oxide/ Chitosan | Biophysical Chemistry |
| 9:50-10:10 (20 minute) | Mr. Behnam Gholami | Application of chaos theory in biological systems | Biophysical Chemistry |
| 10:10-10:30 (20 minute) | Mr. Mohammad Bakhtbidar | A Vehicle-Based Remote Methane Detector Using Absorption Molecular Spectroscopy | Molecular spectroscopy |