

Imaging Physics

Wednesday May 6, 2015

Hall #4

Session Physics

- 11:00 Cardiovascular MRI: Basic Physics**
Fariborz Faeghi
- 11:20 Cardiovascular MRI: Techniques and Protocols**
Nazanin Sahraei
- 11:40 Cardiac CT: Technical Points to Be Remembered**
Navid Alizadeh
- 12:00 Functional MRI (fMRI): Basic Clinical Physics**
Mohammad Ali Oghabian
- 12:20 Clinical Physics of MR Spectroscopy (MRS)**
Amir Hossein Batouli
- 12:40 Basic Clinical Physics of PET**
Pardis Ghafarian

Session Technologist Session I

- 14:00 Latest Advances in MRI**
Hamidreza Saligheh Rad

Thursday May 7, 2015

Hall Roodaki

Session Technologist Session VII

- 15:45 Dose Assessment in Computed Tomography Examination and Establishment of Local Diagnostic Reference Levels in Mazandaran, Iran**
Arash Janbabanezhad Toori
Ali Shabestani Monfared
Mohamad Reza Deevband
Roohollah Abdi
Mehrdad Nabahati

Hall Kamal-ol-Molk

Session Scientific Session V

- 8:45 Temporal Bone Measurements: A Comparison between Rendered Spiral CT and Surgery**
Jahanbakhsh Hashemi
Mohsen Rajati
Bitra Abbasi
Aria Bahadori
Lida Rezayani
Donya Farrokh

Session Poster Session III

- 14:00 Oblique Flow Induced Misregistration : Theory & Clinical Aspects**
Amin Farzadnia
- 14:00 Clinical Applications of Relaxation Times(T1&T2) Quantitative Measurement in Diagnosis of Brain and Some Musculoskeletal Diseases**
Nasim Sattari

Session Poster Session IV

- 16:30 Optical Imaging: Introduction and Discussing of Diffuse Optical Tomography (DOT)**

- Kiarash Roothollahi*
- 16:30 Diffusion Tensor Imaging(DTI)**
Kiarash Roothollahi
- 16:30 The Comparison Among FBP , ASIR and BMIR Techniques of CT imaging on Reducing the Lifetime Risk of Radiation**
Mohammad Reza Dehbashi
- 16:30 Application of T-Ray in Cancer Diagnosis**
Hamide Mirzamohamadi
- 16:30 The Assessment Attitudes of Radiation Protection and Professional Ethics from the Viewpoint of the Radiology Students by Staffs of Radiology Department in Hospitals Related Medical Science of Hamadan University**
Maryam Pourkaveh
Majid Alizadeh
Karim Ghazikhanlou-sano
- 16:30 Synchrotron Radiation Quest for Smallest Particle, God;s Particle, Higs**
Ramesh Narain Mathur
- 16:30 MR Susceptibility Weighted Imaging : Physics & Clinical Applications**
Amin Farzadnia
- 16:30 Nanotechnology for THz Medical Imaging**
Saeed Bagherzadeh
Zeynab Mohammadi
Reza Zohdiagh
Zhaleh Behrouzki
- 16:30 Characteristics of Gafchromic Film for Small Photon Field**
Farideh Farokhi
- 16:30 Implementation and Comparison of Discrete Wavelet Transform Image Fusion on CT-PET or MRI PET Images Including GUI**
Majid Bagheri
- 16:30 Ultrasound Microbubbles for Molecular Diagnosis and Therapy**
Sepide Bakhtiary
Sahel Heydarheydari
Vahhab Dehlaghi
- 16:30 Radiosensitivity and Its Related Factors**
Farideh Elahimanesh
Nayer Seyfiziadeh
- 16:30 Biological Effect of Mobile Waves**
Nasser Talebi

Friday May 8, 2015

Hall Sadi

Session Imaging Informatics / Physics

- 11:20 Understanding Elastography and Fibroscan**
Peter Burns
- 12:00 Microbubble Contrast Agents for Ultrasound**
Peter Burns
- 12:40 New Developments in Ultrasound Imaging and Therapy**
Peter Burns