



# **Program of the 20th Congress of the Iranian Radiographic Sciences Association**

# Tuesday

9 May 2023- 19 Ordibehesht 1401 – Tuesday

Lecture –Hall 1

<b>Dr.Ramin Jaberi Behjat Haghighiyan</b>	<b>The position of the medical imaging technologist in the design of radiotherapy treatment</b>	<b>9:30-10:30</b>
<b>Dr.Ali Shabestani Monfared</b>	<b>Quality Assurance in Medical Radiography Department</b>	<b>11:00-12:00</b>
<b>Iman Azinkhah</b>	<b>Quality control in MRI</b>	<b>12:00-13:00</b>
<b>Saeed Erfanjoo</b>	<b>Principles and applications of PET/MRI</b>	<b>14:00-15:00</b>
<b>Maryam Farsi</b>	<b>The role of MRI in the prostate:new principles and methods</b>	<b>15:00-16:00</b>

9 May 2023- 19 Ordibehesht 1401 – Tuesday

Lecture –Hall 3

<b>Mehdi Azargoon</b>	<b>Human resource management in medical imaging departments (key performance indexes)</b>	<b>16:00-17:00</b>
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9 May 2023- 19 Ordibehesht 1401 – Tuesday

Hall Hafez

<b>Grand Ceremony</b>	<b>19:00-20:00</b>
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# Wednesday

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Hall 1

<b>Khosro Adelian Ahmad Mohammadbeigi</b>	<b>Clinical solutions for technical and physical challenges of CT pulmonary angiography (based on 16 slice CT scanner)</b>	<b>8:30-9:30</b>
<b>Javad Ghasemi</b>	<b>Contrast media administration in CT</b>	<b>9:30-10:30</b>
<b>Manizheh Pakravan</b>	<b>Acr-MRI-imaging-quality- guide</b>	<b>14:00-15:00</b>
<b>Vahid Shahmaei</b>	<b>What new in MRI technology latest development in MRI techniques and applications</b>	<b>15:00-16:00</b>

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Lecture – Hall 4

<b>Navid Sarmast Alizadeh</b>	<b>The Role of MRI in the diagnosis of Multiple Sclerosis</b>	<b>8:30-9:30</b>
<b>Dr.Sadegh Dehghani Nasab</b>	<b>Cardiac magnetic resonance imaging T2 mapping with or without fat sat</b>	<b>9:30-10:30</b>

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Hall 2

<b>Hedayatollah Soroush</b>	<b>Contrast Media</b>	<b>15:00-16:00</b>
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# Wednesday

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Lecture – Hall 3

<b>Dr.Hossein Ghadiri</b>	<b>Artificial Intelligence Applications in Diagnostic Imaging</b>	<b>11:00-12:00</b>
<b>Dr. Alireza Shakibafard</b>	<b>orthopedic measurement in CT-SCAN</b>	<b>12:00-13:00</b>

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Radiobiology Session-Hall 4

Chairs: Dr.Hossein Mozdarani, Dr.Ramin Jaberi,Dr.Mahmoodreza Aghamiri Dr. Fatemeh Pakniyat

<b>Ahmad Mohammadbeigi</b>	<b>Pathologic-based radiation dose: Effect of lung lesions and total severity score on radiation dose in computed tomography scan of COVID-19 patient!</b>	<b>11:00-11:10</b>
<b>Kiumars Omid</b>	<b>Measuring the absorbed dose of gonads in prostate cancer radiotherapy by treatment design and dosimetry software</b>	<b>11:10-11:20</b>

# Wednesday

## CT-SCAN Session

**Chairs:Dr.Ali Mohammadzadeh,Khosro Adelian,Mohammad Akbarnejad, Seyyed Mohammad Bagher Hosseini Nasab,Javad Ghasemi**

<b>Paria Mohebbi</b>	<b>Applications of virtual reality in radiology</b>	<b>11:30-11:40</b>
<b>Amir Dareini</b>	<b>Image quality and Radiation dose assessment in different Cardiac CT Angiography techniques</b>	<b>11:40-11:50</b>
<b>Hengameh Khosravi</b>	<b>An overview of the minimally invasive method Needle of breast biopsy and Tomosynthesis-guided breast Biopsy</b>	<b>11:50-12:00</b>

# Wednesday

MRI Session – Hall 4

Chairs: Dr.Fariborz Faeghi, Hedayatollah Soroush, Mohsen Shojaei Moghadam, Behrouz Rafiei  
Manizheh Pakravan, Ali Saeedi

<b>Fatemeh Mohammadian</b>	<b>Map of Brain Networks Extracting from Resting- State fMRI in Alzheimer's Disease, Amnestic Mild Cognitive Impairment, and Normal Aging Subjects</b>	<b>12:00-12:10</b>
<b>Navid Sarmast Alizadeh</b>	<b>DCE versus DWI in breast lesions diagnosis</b>	<b>12:10-12:20</b>
<b>Nahideh Gharehaghaji</b>	<b>PET-MRI hybrid imaging in the diagnosis of glioma</b>	<b>12:20-12:30</b>
<b>Iman Azinkhah</b>	<b>Investigating and Implementing Tractography Clustering on Diffusion- Weighted MR images of the brain by Using QuickBundles Method with Different Features</b>	<b>12:30-14:40</b>
<b>Navid Sarmast Alizadeh</b>	<b>Different Magnetic resonance imaging protocols for Multiple Sclerosis diagnosis</b>	<b>12:40-12:50</b>
<b>Yasaman Bastanipour</b>	<b>Differentiation between progression from pseudoprogression in glioblastoma using diffusion Weighted imaging techniques</b>	<b>12:50-13:00</b>

# Wednesday

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Lecture – Hall 5

<b>Dr.Hossein Mozdarani</b>	<b>Low dose ionizing radiation induced genome instability</b>	<b>14:00-15:00</b>
<b>Dr. Fatemeh Pakniyat</b>	<b>Radioprotector biological and clinical perspectives- review on the properties of melatonin</b>	<b>15::00-16:00</b>
<b>Effat Sheydaian</b> <b>Dr.Morteza Jalilvand</b> <b>Reza Ghasemzadeh</b>	<b>Mr defecography</b>	<b>16:30-17:30</b>

10 May 2023- 20 Ordibehesht 1402 – Wednesday

Lecture – Roodaki Hall

<b>Mohsen Shojaei Moghadam</b>	<b>Deep learning Techniques and time reduction</b>	<b>16:30-17:30</b>
<b>Hedayatollah Soroush</b>	<b>Advanced imaging strategies in brain tumors</b>	<b>17:30-18:30</b>

# Thursday

11 May 2023- 21 Ordibehesht 1402 – Thursday

Lecture – Roodaki Hall

<b>Dr.Fariborz Faeghi</b>	<b>Clinical MRI Physicist</b>	<b>8:30-9:30</b>
<b>Dr.Fariborz Faeghi</b>	<b>Application of DWI in MR Neuroimaging</b>	<b>9:30-10:30</b>
<b>Ali Saeedi</b>	<b>Neurospine MRI tips &amp; tricks</b>	<b>11:00-12:00</b>
<b>Behrouz Rafiei</b>	<b>Liver MRI protocols and techniques</b>	<b>12:00-13:00</b>
<b>Dr.Mostafa Robotjazi</b>	<b>Pitfalls in MR Mammography</b>	<b>14:00-15:00</b>
<b>Seyyed Hasan Fatehi</b> <b>Farnoosh Moosavi</b>	<b>Comparison of MRI angiography techniques in different systems (tips and tricks)</b>	<b>15:00-16:00</b>
<b>Kamran Sheykh Sharafi</b> <b>Saeed Erfanijoo</b> <b>Reza Ghasemzadeh</b> <b>Dr. Reza Bakhshandehpour</b>	<b>Contrast media reactions</b> <b>The role of radiation technologists</b>	<b>16:00-17:00</b>
<b>Masoud Sadrnia</b> <b>Hossein Farahnak</b>	<b>Practical approach for optimization coronary CT: getting technique, artifacts and quality</b>	<b>17:00-18:00</b>



# Thursday

11 May 2023- 21 Ordibehesht 1402 – Thursday

Lecture –Hall 4

<b>Ali Alizadeh</b>	<b>Deep learning, filtering and system improvement in MRI</b>	<b>16:00-17:00</b>
<b>Iman Afshar</b>	<b>Mri of parotid glands and facial nerve</b>	<b>17:00-18:00</b>

11 May 2023- 21 Ordibehesht 1402 – Thursday

Lecture –Hall 1

<b>Seyyed Mohammad Bagher Hosseini Nasab</b>	<b>Management of radiation dose in CT scan according to different diagnostic applications</b>	<b>8:30-9:30</b>
<b>Dr.Vahid Changizi</b>	<b>Synchrotron phase contrast imaging</b>	<b>9:30-10:30</b>

11 May 2023- 21 Ordibehesht 1402 – Thursday

Lecture –Hall 3

<b>Seyyed Ali Hosseini</b>	<b>Indication-technique-Measurement in TAVI</b>	<b>8:30-9:30</b>
<b>Sajad Samat</b> <b>Iman Azinkhah</b> <b>Dr.Samira Raminfard</b>	<b>Brain DTI</b>	<b>9:30-10:30</b>
<b>Behnam Ranjbar</b> <b>Mohammad Akbarnejad</b> <b>Nasim Mirzaei Rashed</b>	<b>Advanced Reconstruction in computed</b>	<b>11:00-12:00</b>
<b>Farnoosh Moosavi</b> <b>Dr.Amir Azimi</b> <b>Mohammad Akbarnejad</b> <b>Dr.Ali Mohammadzadeh</b>	<b>New development in CT Scan techniques and applications: Dual Energy</b>	<b>12:00-13:00</b>

# Friday

12 May 2023- 22 Ordibehesht 1402 – Friday

Hall 5

<p><b>IRSA Assembly</b></p>	<p><b>11:00-12:30</b></p>
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