



**Saturday, 16 November 2024**

**Scientific Program**

| TIME          | LECTURE TITLE                                                                 | SPEAKER                                     |
|---------------|-------------------------------------------------------------------------------|---------------------------------------------|
| 08:00 - 08:30 | Registration                                                                  |                                             |
| 08:30 - 10:20 | SESSION 1   Moderators: Dr. Petar Bosniakovic - Dr. Sara AIMutawa             |                                             |
| 08:30 - 08:55 | Functional Neuroratomy of the Brain                                           | Dr. Haris Sair                              |
| 08:55 - 09:20 | MR Dynamic Perfusion Studies "DSC and DCE": Techniques and Clinical Utility   | Dr. Rajan Jain                              |
| 09:20 - 09:45 | Arterial Spin Labeling "ASL" Perfusion                                        | Dr. Khaled Gad                              |
| 09:45 - 10:10 | CT Perfusion: Unlocking the Mysteries of Cerebral Hemodynamics                | Dr. Lamyia Alsarraf                         |
| 10:10 - 10:20 | Q&A                                                                           |                                             |
| 10:20 - 10:50 | Coffee Break                                                                  |                                             |
| 10:50 - 11:10 | Opening Ceremony                                                              |                                             |
| 11:10 - 13:00 | SESSION 2   Moderators: Dr. Fatma Dashti - Dr. Maryam AIMurshed               |                                             |
| 11:10 - 11:35 | Adult Gliomas and Genomics: Basics you must know                              | Dr. Rajan Jain                              |
| 11:35 - 12:00 | Intracranial Vessel Wall Imaging                                              | Dr. Ali Elmokadem                           |
| 12:00 - 12:25 | Cerebospinal Fluid Flow Studies                                               | Dr. Haris Sair                              |
| 12:25 - 12:50 | Photon Counting CT: Technical Aspects and Sharing our Initial Experience      | Dr. Rajan Jain                              |
| 12:50 - 13:00 | Q&A                                                                           |                                             |
| 13:00 - 13:10 | Coffee Break                                                                  |                                             |
| 13:10 - 13:40 | SESSION 3   Moderator: Dr. Kahled Gad                                         |                                             |
| 13:10 - 13:25 | Advances in CT Brain Imaging: Leveraging AI for Precision and Speed (Siemens) | Mr. Kunhimohamed Poolakkal                  |
| 13:25 - 13:40 | Advancements in Neuro MR Imaging (GE)                                         | Mr. Ozgur Demirkilinc                       |
| 13:40 - 13:45 | Q&A                                                                           |                                             |
| 13:45 - 14:45 | Lunch Break                                                                   |                                             |
| 14:45 - 16:45 | Hands on: Perfusion MRI (by SUMC)                                             | Dr. Rajan Jain<br>Dr. Ehab Abd Elnaby       |
| 14:40 - 18:00 | Hands on for Technologists: Neuro MR Post Processing Part 1 (by ATC)          | Mr. Hussam Sharafeddine<br>Mr. Chris Darley |