**Basic course MRI in Radiotherapy 2019**

 **Day 1, 18th March 2019**

|  |  |  |  |
| --- | --- | --- | --- |
| 10:00-10:15 | Introduction, implementation of MRI in radiotherapy | Mariëlle Philippens  | Auditorium |
| 10:15-11:00 | MRI Physics I | Rob Tijssen  |
| 11:00-11:15 | Break |
| 11:15-12:00 | MRI Physics II | Rob Tijssen  |
| 12:00-12:30 | MRI for RT | Nico van den Berg |
| 12:30-13:00 | MR imaging in treatment position | Ellart Aalbers  |
| 13:00-13:30 | Lunch |
| 13:30-14:15 | DWI for RT Planning and response monitoring | Tim Schakel  |
| 14:15-15:00 | Prostate MRI EBRT and brachytherapy | Jochem van der Voort van Zyp  |
| 15:00-15:15 | Break |
| 15:15-17.00 | **Rad Onc + Med Phys** | **RTT** |
| MRI acquisition prostate* Patient setup
* Imaging protocol
 | Matteo Maspero | Conference room | MRI interpretation prostate: OAR delineation | Gonda SikkesGeja de Kogel | Q.0S.228Q.0S.304 |
| MRI interpretation prostate: GTV delineation  | Jochem van der Voort van Zijp |
| Hands-on MRI prostate* Patient images
* Delineation GTV

  | Jochem van der Voort van ZijpMatteo Maspero | Hands-on MRI prostate* Patient images
* OAR delineation
 | Gonda SikkesGeja de Kogel |
| 17:00-17:30 | Instruction prostate on MR. | Teun Coolen  | MRI 21/22 |

**Basic course MRI in Radiotherapy 2019**

 **Day 2, 19th March 2019**

|  |  |  |  |
| --- | --- | --- | --- |
| 09:00-09:45 | Head and neck MRI  | Frank Pameijer | Auditorium |
| 09:45-10:30 | Head and neck MRI for RT | Chris Terhaard  |
| 10:30-11:15 | MRI guided RT | Bas Raaymakers |
| 11:15-11:30 | Break |
| 11:30-12:15 | MRI for brachytherapy: needle, seed detection, robot | Rien Moerland |
| 12:15-13:00 | safety | Nico van den Berg |
| 13:00-13:30 | Lunch |
| 13:30-14:15 | QA: geometry and general MRI tests | Mariëlle Philippens  |
| 14:15-15:00 | DCE MRI | Marielle Philippens |
| 15:00-15:15 | Break  |
| 15:15-17:00 | **Rad Onc + Med Phys** | **RTT** |
| MRI acquisition head & neck* Patient setup
* Imaging protocol
 | Mariëlle Philippens | Conference room | MRI interpretation head & neck: * OAR delineation
 | Gonda SikkesGeja de Kogel | Q.0S.228Q.0S.304 |
| MRI interpretation head & neck:* GTV delineation
* Use of different images/sequences
 | Patricia Doornaert |
| Hands on MRI head & neck* Patient images
* Delineation GTV
 | Marielle Philippens Patricia Doornaert | Hands-on head and neck* Patiënt images
* OAR delineation
 | Gonda SikkesGeja de Kogel |
| 17:00-17:30 | Instruction head & neck on MR. | Teun Coolen  | MRI21/22 |

**Basic course MRI in Radiotherapy 2019**

 **Day 3, 20th March 2019**

|  |  |  |  |
| --- | --- | --- | --- |
| 09:00-09:30 | Brain MRI | Jeroen Hendrikse | Auditorium  |
| 09:30-10:00 | Brain MRI in RT | Karin Kleynen  |
| 10:00-10:45 | GE MRI in RT | Martijn Intven |
| 10:45-11:00 | Break |
| 11:00-11:45 | Cervix MRI for RT | Ina Schulz  |
| 11:45-12:30 | How will MRI change radiotherapy | Jan Lagendijk |
| 12:30-13:30 | Lunch |