**Basic course MRI in Radiotherapy 2019**

**Day 1, 18th March 2019**

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| 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 Sikkes  Geja de Kogel | | Q.0S.228  Q.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 Zijp  Matteo Maspero | | Hands-on MRI prostate   * Patient images * OAR delineation | Gonda Sikkes  Geja de Kogel | |
| 17:00-17:30 | Instruction prostate on MR. | | Teun Coolen | | | MRI 21/22 | | |

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**Day 2, 19th March 2019**

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| 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 Sikkes  Geja de Kogel | | Q.0S.228  Q.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 Sikkes  Geja de Kogel | |
| 17:00-17:30 | Instruction head & neck on MR. | | Teun Coolen | | | MRI  21/22 | |

**Basic course MRI in Radiotherapy 2019**

**Day 3, 20th March 2019**

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| 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 | |