

DRAFT COURSE PROGRAMME

Course Director

Eric Lartigau

Faculty

Carsten Brink

Felipe Calvo

Lenny Verkooijen

Marielle Philippens

Lieke Meijers

Heinz-Peter Schlemmer

DAY 1 – SUNDAY 17 OCTOBER

| Time | Lecture | Speaker |
|---------------|---|---------------------------------|
| 08.30 – 09.00 | Welcome/Introduction to Masterclass | Course directors & all teachers |
| 09.00 -10.00 | Challenges and opportunities when implementing new technologies: a team issue! Part 1 | L. Meijers - C. Brink |
| 10.00 -10.45 | New methodology for evaluating new technology: evaluation of innovation in Radiation Oncology | L. Verkooijen |
| 10.45 - 11.15 | <i>Coffee break</i> | |
| 11.15 - 11.45 | The patients & hospital point of view | F. Calvo - E.F. Lartigau |
| 11.45 – 12.30 | MR Imaging for radiotherapy: potentials and limitations | H. P. Schlemmer |
| 12.30 - 13.30 | <i>Lunch break</i> | |
| 13.30 - 15.00 | MRI in simulation/planning & QA | M. Philippens |
| 15.00 - 15.30 | <i>Coffee break</i> | |
| 15.30 – 18.00 | Presentation of Research proposals by students | All students |

DAY 2 – MONDAY 18 OCTOBER

| Time | Lectures & group work | Speaker/Reviewer |
|---------------|---|--|
| 08.30 – 09.00 | Challenges and opportunities when implementing new technologies: a team issue! Part 2 | M. Philippens - E. Lartigau – H.P. Schlemmer |

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|---------------|--|--------------------------|
| 09.00 – 10.00 | Discussion and development of Research proposals | Students and Faculty |
| 10.00 - 10.30 | <i>Coffee Break</i> | |
| 10.30 – 12.30 | Discussion and development of Research proposals | Students and Faculty |
| 12.30 - 13.30 | <i>Lunch</i> | |
| 13.30 – 15.30 | Discussion and development of Research proposals | Students and Faculty |
| 15.30 – 16.00 | <i>Coffee break</i> | |
| 16.00 – 17.00 | Discussion and development of Research proposals | Students and Faculty |
| 17.00 – 17.30 | Tips and tricks for writing a scientific paper on new technology and getting it accepted | L. Verkooijen - F. Calvo |
| 17.30 – 18.00 | MRI based treatment evaluation | H.P. Schlemmer |

DAY 3 – TUESDAY 19 OCTOBER

| Time | Lecture | Speaker |
|---------------|---|----------------------------|
| 08.30 – 09.00 | Patients' workflow | L. Meijers - M. Philippens |
| 09.00 – 10.00 | Discussion and development of Research proposals | Students and Faculty |
| 10.00 - 10.30 | <i>Coffee break</i> | |
| 10.30 - 12.30 | Discussion and development of Research proposals | Students and Faculty |
| 12.30 - 13.30 | <i>Lunch</i> | |
| 13.30 - 14.30 | Discussion and development of Research proposals | Students and Faculty |
| 15.00 - 15.30 | <i>Coffee break</i> | |
| 15.30 – 17.30 | Discussion and development of Research proposals | Students and Faculty |
| 17.30 – 18.00 | Tips and tricks for writing a successful grant proposal on new technology | L. Verkooijen |

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| 18.00 -18.30 | Research program support: the industry perspective | Students and Faculty |
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DAY 4 – WEDNESDAY 20 OCTOBER

| Time | Lecture | Speaker |
|----------------|---|---------|
| 8:30 – 10.00 | Discussion and development of Research proposals: presentation of finalized proposals | All |
| 10.00 – 10.30 | <i>Coffee break</i> | |
| 10.30 – 12. 00 | Discussion and development of Research proposals: presentation of finalized proposals | All |
| 12.00 – 12.30 | Course evaluation | All |