

### SCIENTIFIC PROGRAMME

#### Course Director

Philip Poortmans (BE)

#### Faculty

Marianne Aznar (UK)  
Liesbeth Boersma (NL)  
David Dodwell (UK)  
Sandra Hol (NL)

Orit Kaidar-Person (IL)  
Thorsten Kühn (DE)  
Birgitte Offersen (DK)  
Lynda Wyld (UK)

#### DAY 1 – SUNDAY 16 APRIL

| Time          | Lecture  | Speaker(s)                   |
|---------------|--|------------------------------|
| 08:30 – 09:00 | Registration   | Agnès Delmas                 |
| <b>Part 1</b> | <b>Introduction</b>  |                              |
| 09:00 – 09:20 | Why are we here?   | Philip Poortmans             |
| 09:20 – 09:40 | Practical instructions including voting tool   | Agnès Delmas                 |
| 09:40 – 10:10 | Endpoints in clinical trials and meta-analyses   | David Dodwell                |
| 10:10 – 10:30 | Discussion about our expectations of the course  | All                          |
| 10:30 – 11:00 | <i>Coffee/Tea break</i>  |                              |
| <b>Part 2</b> | <b>Local treatment: breast and chest wall</b>  |                              |
| 11:00 – 11:30 | Target volume delineation  | Philip Poortmans             |
| 11:30 – 12:00 | Discussion about contouring homework   | Sandra Hol                   |
| 12:00 – 12:30 | Practical treatment planning examples  | Sandra Hol<br>Marianne Aznar |
| 12:30 – 13:45 | <i>Lunch break</i>   |                              |
| 13:45 – 14:30 | Discussion<br>- Contouring<br>- Treatment planning<br>- Cases from participants<br>- Tips & tricks | Discussants: all             |
| <b>Part 3</b> | <b>Local treatment: the primary tumour bed (boost &amp; PBI)</b>                                   |                              |
| 14:30 – 15:00 | Target volume delineation  | Liesbeth Boersma             |
| 15:00 – 15:30 | Discussion about contouring homework   | Sandra Hol                   |
| 15:30 – 16:00 | <i>Coffee/Tea break</i>  |                              |
| 16:00 – 16:30 | Practical treatment planning examples  | Sandra Hol<br>Marianne Aznar |
| 16:30 – 17:15 | Discussion<br>- Contouring<br>- Treatment planning<br>- Cases from participants<br>- Tips & tricks | Discussants: all             |

### SCIENTIFIC PROGRAMME

#### DAY 2 – MONDAY 17 APRIL

| Time          | Lecture  | Speaker(s)                            |
|---------------|--|---------------------------------------|
| 08:00 – 08:30 | Meet the professor: local treatment – input by participants  | All                                   |
| <b>Part 4</b> | <b>Local treatment: challenges</b>   |                                       |
| 08:30 – 09:00 | Clinical case with debate ( <i>voting</i> ) on local treatment<br>Should we still advice mastectomy for patients who are eligible for breast conserving therapy or mastectomy? | Lynda Wyld<br>Liesbeth Boersma        |
| 09:00 – 09:30 | Clinical case with debate ( <i>voting</i> ): further treatment de-escalation: omission of radiation therapy after breast conserving surgery                                    | Thorsten Kühn<br>Birgitte Offersen    |
| 09:30 – 10:00 | Fractionation, still getting FASTER in the future?   | Orit Kaidar-Person                    |
| 10:00 – 10:30 | Oncoplastic surgery: fairy tale or a nightmare?  | Lynda Wyld<br>Philip Poortmans        |
| 10:30 – 11:00 | <i>Coffee/Tea break</i>  |                                       |
| 11:00 – 11:30 | Breast reconstruction: current challenges  | Lynda Wyld<br>Orit Kaidar-Person      |
| 11:30 – 12:00 | Clinical case with debate ( <i>voting</i> ): DCIS  | Thorsten Kühn<br>Birgitte Offersen    |
| 12:00 – 12:30 | Discussion<br>- Contouring<br>- Treatment planning<br>- Cases from participants<br>- Tips & tricks   | Discussants: all                      |
| 12:30 – 13:45 | <i>Lunch break</i>   |                                       |
| 13:45 – 14:15 | Clinical case with debate ( <i>voting</i> ): are margins becoming again of interest thanks to changing surgical approaches?  | Thorsten Kühn<br>David Dodwell        |
| 14:15 – 14:45 | Discussion about local treatments – with input from the participants   | All                                   |
| <b>Part 5</b> | <b>Regional lymph node management</b>  |                                       |
| 14:45 – 15:15 | Target volume delineation: lymph node regions  | Birgitte Offersen<br>Philip Poortmans |
| 15:15 – 15:45 | <i>Coffee/Tea break</i>  |                                       |
| 15:45 – 16:30 | Contemporary axillary surgery: indications, techniques   | Thorsten Kühn                         |
| 16:30 – 16:45 | Genetic profiles to predict locoregional recurrence risks  | Lynda Wyld                            |
| 16:45 – 17:30 | Discussion<br>- Contouring<br>- Treatment planning<br>- Cases from participants<br>- Tips & tricks   | Discussants: all                      |

### SCIENTIFIC PROGRAMME

#### DAY 3 – TUESDAY 18 APRIL

| Time          | Lecture   | Speaker(s)                      |
|---------------|---|---------------------------------|
| 08:00 – 08:30 | Meet the professor: regional treatment – input by participants  | All                             |
| <b>Part 6</b> | <b>Systemic treatment</b>   |                                 |
| 08:30 – 09:00 | Breast cancer and fertility   | Philip Poortmans                |
| 09:00 – 09:30 | The extent of breast and nodal surgery after PST  | Thorsten Kühn                   |
| 09:30 – 10:00 | The conundrum of PST for the radiation oncologist   | Philip Poortmans                |
| 10:00 – 10:30 | <i>Coffee/Tea break</i>   |                                 |
| 10:30 – 11:00 | New drugs, OMG – what now?  | Orit Kaidar-Person              |
| 11:00 – 12:00 | MTB ( <i>voting</i> ) on locoregional treatment after PST:<br>- extent of surgery to the breast<br>- axillary staging/treatment<br>- extent of radiation therapy<br>- role of subsequent systemic therapy | Birgitte Offersen<br>Lynda Wyld |
| 12:00 – 12:30 | Opportunity to ask us what you always wanted!   | All                             |
| 12:30 – 13:45 | <i>Lunch break</i>  |                                 |
| <b>Part 7</b> | <b>Contemporary radiation therapy considerations</b>  |                                 |
| 13:45 – 14:30 | Lessons from meta-analyses of clinical trials on local and regional treatments  | David Dodwell                   |
| 14:30 – 15:00 | Patient positioning, IGRT and margins: increasing requirements!   | Marianne Aznar                  |
| 15:00 – 15:30 | RT in the context of omission of ALND in SLN positive patients  | Liesbeth Boersma                |
| 15:30 – 16:00 | <i>Coffee/Tea break</i>   |                                 |
| 16:00 – 16:30 | Late side-effects of radiation therapy  | David Dodwell                   |
| 16:30 – 17:30 | Clinical case with debate ( <i>voting</i> ): shared decision making & the use of nomograms  | Liesbeth Boersma<br>Lynda Wyld  |

### SCIENTIFIC PROGRAMME

#### DAY 4 – WEDNESDAY 19 APRIL

| Time          | Lecture   | Speaker(s)                         |
|---------------|---|------------------------------------|
| 08:00 – 08:30 | Meet the professor: contemporary challenges – input by participants   | All                                |
| <b>Part 8</b> | <b>Current progress; the challenges for us all!</b>   |                                    |
| 08:30 – 09:15 | Optimising treatment planning:<br>- Contemporary RT techniques for breast cancer<br>- Examples including particle therapy<br>- Discussion | All                                |
| 09:15 – 10:00 | Clinical case with debate ( <i>voting</i> ): are “Real Life” studies overhauling randomised clinical trials?                              | David Dodwell<br>Birgitte Offersen |
| 10:00 – 10:30 | Metastases! – Still a role for locoregional treatments?<br>... and what about metastases-directed treatments?                             | Lynda Wyld<br>Orit Kaidar-Person   |
| 10:30 – 11:00 | <i>Coffee/Tea break</i>   |                                    |
| 11:00 – 11:30 | AI & Big Data in breast cancer radiation oncology   | Marianne Aznar                     |
| 11:30 – 12:00 | Pre-operative radiation therapy   | Liesbeth Boersma                   |
| 12:00 – 12:30 | Re-Care: a story about re-irradiation   | Philip Poortmans                   |
| 12:45         | Wrapping up & farewell word   | Philip Poortmans, all              |