7th Øresund Workshop on Radiotherapy  
February 27-28, 2019  

Final Program  

February 27  

09:15-09:45  Registration, coffee & sandwich  
09:45-10:00  Welcome and introduction  

Öresund Project  
10:00-10:15  Louise Stervik, Göteborg  
Multi-center studies in the Øresund region  

Interactive Session Part I  
10:15-10:45  Introduction  
10:45-11:05  Coffee  

Submitted Presentations  
11:05-12:20  Proffered papers  

Mikkel Skaarup  
A dual energy material decomposition algorithm for clinical cone-beam computed tomography  

Anneli Edvardsson  
Breathing-motion induced interplay effects for stereotactic body radiotherapy of liver tumours using flattening-filter free volumetric modulated arc therapy  

Mirjana Josipovic  
Heart position reproducibility in deep inspiration breath hold radiotherapy for lung cancer  

Malin Kügele  
Evaluation of positioning and monitoring open mask stereotactic radiotherapy treatments using surface guided radiotherapy  

Jeppe Brage Christensen  
Ionization quenching in organic plastic scintillators for particle therapy  

12:20-13:20  Lunch
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13:20-14:20  Proffered papers

Linnéa Karlsson
Experimental and theoretical validation of Eclipse dose calculations at extended TBI distances

Mikkel Skaarup
Voxel-based assessment of proton RBE in paediatric brain cancer radiotherapy from multimodal imaging

Charlotte Espensen
Dose response of tumour control probability after brachytherapy for uveal melanoma

Vanja Remberg Gram
Esophageal toxicity associated with radiotherapy for metastatic spinal cord compression

Gold sponsor presentation by Philips
14:20-14:40  Pelvic MR-only simulation

14:40-15:10  Coffee and cake

Theme – MR in Radiotherapy
15:10-15:55  Proffered papers

Emilia Persson
Treating prostate cancer with MRI-only radiotherapy

Emilia Palmér
MR only workflow for head and neck radiation therapy: evaluation of synthetic CT data as a basis for absorbed dose calculation

Minna Lerner
Synthetic CT for MR brain

Interactive session part II
15:55-17:15  Group discussions

17:15 Refreshments and Group Photo
19:00 Dinner
February 28

Theme – MR in Radiotherapy

9:00-9:40  
*Invited Speaker*

Karin Petruson, Sahlgrenska, Göteborg
Can MRI cover all imaging needs in RT?

9:40-10:10  
*Proffered papers*

Fredrik Nordström  
MRI – but not only

Christian Jamtheim Gustafsson  
Using C-arm x-ray images from marker insertion to confirm the gold fiducial marker identification in an MRI-only prostate radiotherapy workflow

10:10-10:30  
Coffee and fruit

10:30-11:30  
*Proffered papers*

Niklas Eliasson  
Feasibility of prostate rectum spacer in an MRI only radiotherapy workflow

Jonathan Scharff Nielsen  
MRI for CT metal artifact reduction

Line Bjerregaard Stick  
MR for daily image guidance in liver stereotactic body radiotherapy

11:30-12:30  
Lunch
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12:30-13:00  Invited Speaker
Frank Lagerwaard, VUmc, Amsterdam
Experience with on-line adaptive MR-guided radiotherapy

13:00-13:30  Invited Speaker
Anna Bruynzeel, VUmc, Amsterdam
Clinical results of the first prospective study of MRgRT in prostate cancer

13:30-14:00  Discussion
14:00-14:20  Coffee and cake

Quiz
14:20-14:50

Best Presentation Award
14:50-15:00

Interactive Session Part III
15:00-15:20  Summary

Conclusion and Evaluation
15:20-15:30