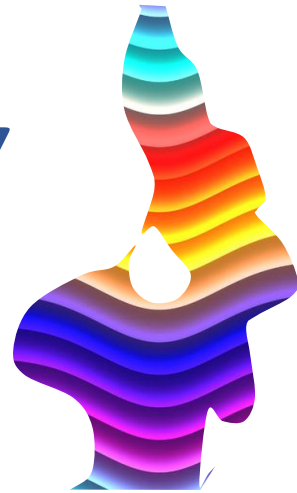


2ND ÖRESUND MEETING ON RADIOTHERAPY FEBRUARY 24-25, 2014



Program, February 24

09.15 *Coffee and registration*

09.45 Welcome!

10.00 Presentations

- **Emma Hedin:** "Determination of clinical dose distributions in the lung and estimation of radiation induced lung complications after breast and lung cancer treatments"
- **Siritorn Buranurak:** "Quantify the impact of detector density comparing with atomic composition on fibercoupled organic/inorganic scintillation dosimeters for small radiotherapy photon fields"
- **Mattias Jönsson:** "Evaluation of a laser based surface scanning system using a breathing monitoring system"
- **Jens Edmund:** "Segmentation strategies for MRI-only of the brain using ultra short echo times"
- **Julia Götstedt:** "IMRT quality assurance based on quality index evaluation"

11.15 *Break*

11.30 Presentations

- **Michael Jensen:** "Image derived prediction of response to chemoradiation"
- Kristoffer Petersson: "Deliverability of VMAT treatment plans generated by Eclipse and RayStation"
- **Gregers Rasmussen:** "Biomarker and gene expression in HNSCC"
- **Roumiana Chakarova:** "Monte Carlo applications in external radiation therapy: SU experience"
- **Wiviann Ottosson:** "Verification of inhomogeneity calculations using a novel heterogeneity phantom for fiber-coupled organic scintillator dosimetry"
- **Mirjana Josipovic:** "Deep inspiration breath hold (DIBH) radiotherapy in locally advanced lung cancer"

12.45 *Lunch*

13.45 Presentations

- **Anneli Edvardsson:** "Comparison of heart, LAD and lung absorbed doses and NTCP for tangential and locoregional left-sided breast cancer radiotherapy using enhanced inspiration gating"
- **Lotte Nygård:** "Prognostic and predictive imaging biomarkers from fludeoxyglucose (FDG) PET in locally advanced non-small cell lung cancer"
- **Susanne Lise Bekke:** "Evaluation of optical surface scanning of mammary cancer patients for improved radiotherapy?"
- **Sebastian Sarudis:** "Improved radiotherapy treatment of lung cancer using intensity modulated radiation therapy combined with breathing adaptive technique"
- **Hunor Benedek:** "Clinical use of flattening-filter free beams for breast cancer radiotherapy"
- **Jacob Rasmussen:** "DOHAN PET/CT: DOse escalation in Head And Neck cancer use of PET/CT"

15.00 *Coffee*

15.30 Presentations

- **Malin Kügele:** "Improving the set-up of breast cancer patients during radiation treatment using an optical surface scanning system"
- **Mårten Dalaryd:** "Reference dosimetry for flattening-filter free beams using ion chambers and water calorimetry"
- **Daniel Andreassen:** "Computing a Pseudo-CT from MR: Towards MR-only Based Radiotherapy"
- **Niclas Pettersson:** "Is it possible to use clinical data to quantify the fractionation effect for normal tissue complications?"
- **Faisal Mahmood:** "Diffusion weighted MRI for response assessment of radiation therapy to brain metastases"

16.45 *Break*

17.15 Presentations

- **Claus E. Andersen and Jakob Helt-Hansen:** “Outline of new laboratory for accelerator dosimetry”
- **Magnus Gustafsson:** “Gaf-chromic film dosimetry using EBT-3 & Flatbed scanner”
- **Tobias Pommer:** “Opposite relationship shown between IMAT plan complexity and QA success rate for two patient-specific QA systems”
- **Jonas Scherman:** “Liquid markers in radiation therapy”
- **Henrik Nissen:** “Diffusion-weighted images for response assessment in rectal cancer”



Program, February 25

- 09.00 Good morning!
- 09.15 Group discussions
- 10.15 *Break*
- 10.45 Group discussions, continued
- 11.45 Sponsor presentation
- 12.30 *Lunch*
- 13.30 Report from discussion groups
- 14.30 *Coffee*
- 15.00 **Per Nilsson and Tommy Knöös:** Summary
- 15.45 Closing remarks