

Schedule MEDT8007: Simulation Methods in Ultrasound Imaging

Week 11 (15-19 March 2010)

time	Monday	Tuesday	Wednesday	Thursday	Friday
09:15 11:00		Field II: Method and field calculations <i>T. Bjåstad</i>	Scattering and image formation <i>H. Torp</i>	Transducer design II <i>T.F. Johansen</i>	Dynamic objects II <i>L. Løvstakken</i>
11:15 12:00		Review exercise 1	Review exercise 2	Review exercise 3	Review exercise 4
12:00 12:45	lunch	lunch	lunch	lunch	lunch
12:45 14:30	Calculation methods for linear fields <i>M.M. Voormolen</i>	Pulse-echo and beamforming <i>T. Bjåstad</i>	Transducer design I <i>T.F. Johansen</i>	Dynamic objects I <i>L. Løvstakken</i>	
14:45 16:30	Exercise 1	Exercise 2	Exercise 3	Exercise 4	

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Week 18 (3-7 May 2010)

time	Monday	Tuesday	Wednesday	Thursday	Friday
09:15 11:00		WE START AT 10:15 Alternative linear methods I <i>S. Holm</i>	Advanced beamforming <i>S. Holm</i>	Non-linear propagation I <i>B. Angelsen</i>	Aberration <i>B. Angelsen</i>
11:15 12:00		Alternative linear methods I (continued) <i>H. Torp</i>	Review exercise 5	Review exercise 6	Wrap-up
12:00 12:45	lunch	lunch	lunch	lunch	lunch
12:45 14:30	Student presentations	Alternative linear methods II <i>J. d'Hooge</i>	Wave equations for lossy media <i>S. Holm</i>	Non-linear propagation II <i>M.M. Voormolen</i>	
14:45 16:30	Student presentations	Exercise 5	Exercise 6	Exercise 7	