Forslag til foredrag den 27. november 2002

09.00 - 09.30   Kaffe

09.30 - 09.50   Interactive volume visualization of medical images on commodity hardware
Andreas Bærentzen, DTU

09.50 - 10.10   Extraction of functional parameters of the heart from 3D+time cardiac MRI
Mikkel Stegmann, Rasmus Larsen, DTU

10.10 - 10.30   Mathematical modelling of mandibular metamorphosis from 3D CT
Klaus Baggesen Hilger, Rasmus Larsen, DTU

10.30 - 10.50   Kaffe

10.50 - 11.10   Automated visual scoring of psoriasis
David Delgado Gomez, DTU

11.10 - 11.30   Fiber tracing in diffusion tension imaging in white brain tissue
Eva Vedel Jensen, Leif Østergaard, Jesper Frandsen, Asger Holboth, Aarhus Universitet

11.30 - 11.50   SUGOS - A3D development project for modeling the brain surface
Piotr Makowski, Hans Jørgen Gundersen, Hans Stødkilde-Jørgensen, Lodz Technical University

11.50 - 12.30   Texture analysis - now open and easy for everyone with Mazdz - a EU-Cost development Programme
Piotr Szczypinski, Anders Karlsson, Hans Stødkilde-Jørgensen, Lodz Technical University

12.30 - 13.30   Middag

13.30 - 14.10   Equipment and methods for ultrafast ultrasound imaging
Jørgen Arendt Jensen, Sveoslav I. Nikolov, Thanassis Missaridis, Kim L. Gammelmark, DTU

14.10 - 14.30   Three-dimensional real-time synthetic aperture imaging using a rotating phased array transducer
Svetoslav I. Nikolov (1), Kim L. Gammelmark (1), Remi Dufait (2), Armin Schoisswohl (3), Jørgen Arendt Jensen (1), DTU

14.30 - 14.50   Clinical Comparison of Pulse and Chirp Excitation
M. H. Pedersen, Thanassis Misaridis, Jørgen Arendt Jensen, DTU

14.50 - 15.10   Kaffe

15.10 - 15.30   In-Vivo Study of Convex Coded Synthetic Transmit Aperture
Kim L. Gammelmark, Jørgen A. Jensen, DTU

15.30 - 15.50   Development and evaluation of intraoperative 3D echocardiography
Cand.scient.med. Mia Norman Andersen, Aarhus Universitet

15.50 - 16.10   Three dimensional computerized ultrasound imaging and characterization of breast tumours
Cand.scient.med. Carsten Riis

16.10 - 16.30   Active Appearance Models – a new powerful segmentation method based on deformable atlases - with examples from diagnosis of osteoporosis and rheumatoid arthritis
Hans Henrik Thodberg