

<p>EC COST B21 Physiological Modelling of MR Image Formation</p>
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**9th and FINAL MANAGEMENT COMMITTEE AND
WG1, WG2, WG3 MEETINGS**

LOCAL ORGANISER

Dr R A Lerski
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Dundee

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VENUE

Apex City Quay Hotel & Spa
1 West Victoria Dock Road
Dundee, DD1 3JP
Scotland, UK
Telephone + 44 (0)845 6083456

24th – 26th January, 2008

AGENDA



Wednesday 23rd January

Arrival afternoon or evening

Thursday 24th January – Art Gallery Suite

09.00 Introduction and Welcome
R A Lerski (UK)

Working Group 1 – Tissue parameters and physiological data, including MRI : Chairman – J Reichenbach (DE)

09.15 Introduction to working group
J Reichenbach (DE)

09.30 Report on susceptibility weighted imaging and its applications
J Reichenbach (DE)

10.00 MR Phase imaging in human and animal brain at high magnetic fields
M Barth (AT)

10.30 ***Coffee – Mezzanine Library***

11.00 High-field fMRI: from 3T to 7T
E Moser (AT)

11.30 DTI and its application to source modelling of electrophysiological data
D Guellmar (DE)

12.00 ***Discussion***

12.45 ***Lunch – Metro Brasserie***

Working Group 2 – Software, simulation and modelling : Chairman – A Materka (PL)

14.00 Introduction
A Materka (PL)

14.15 Report on software
P Szczypinski (PL), M Strzelecki (PL)

- 14.45 Overview of applications projects using MaZda for tissue characterization at Tampere University Hospital
H Eskola (FI)
- 15.15 Analysis of pancreatic islets in MR mice liver images
M Strzelecki (PL), D Jirak (CZ)
- 15.45 **Coffee – Mezzanine Library**
- 16.15 Development of fast non-invasive MRA sequences for segmentation and quantification of the cerebral arterial and venous vascular system from high-resolution 3D data
J Reichenbach (DE), A Deistung (DE), A Materka (PL), M Kocinski (PL)
- 16.45 Progress in MR images registration methods for motion correction
S Kovacic (SI), A Santos (ES), co-workers
- 17.15 3D texture analysis of vascular trees based on computer-simulated and confocal microscopy images
A Lundervold (NO), M Kocinski (PL), A Materka (PL), co-workers
- 17.45 **Discussion**
- 18.00 **Close**
- 19.30 **Drinks Reception – Mezzanine Bar Area**
- 20.00 **Dinner – Melbourne Suite**

Friday 25th January

Working Group 3 – Experimental Verification and Trials : Chairman – J Chambron (F)

- 09.00 Introduction
J de Certaines (FR) – deputising for J Chambron
- 09.15 Liver Fibrosis, correlation with METAVIR Grading
Summary of Results achieved
- 09.45 Glioblastomas
London, Lodz, Jena, Heidelberg, Rennes
Discussion of results achieved from all centres
Planning of common publication
- 10.30 **Coffee – Mezzanine Library**
- 11.00 Final Report Planning and Discussion
Working Group 1 – J Reichenbach
Working Group 2 – A Materka
Working Group 3 – J de Certaines
Overall – R Lerski
- 12.30 **Lunch – Metro Brasserie**

14.00 - 9th Management Committee Meeting

Chairman – Dr R A Lerski

- 1) Welcome to participants
- 2) Adoption of the Agenda
- 3) Adoption of the Minutes of the last meeting held in Bled (21 March, 2007)
- 4) Presentation of the delegations
- 5) Status of COST B21 Action
- 6) Report from the Chair and the Science Officer: Budget Status
- 7) Non-COST participation.
- 8) Short Term Scientific Missions
- 9) Dissemination : publications and web site
- 10 Any Other Competent Business

18.00 ***Close***

20.00 ***Social Dinner – To be confirmed***

Saturday 26th January

Departure after breakfast