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| <p><b>EC COST B21</b><br/><b>Physiological Modelling of MR Image Formation</b></p> |
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**2<sup>nd</sup> MANAGEMENT COMMITTEE AND WG1, WG2, WG3 MEETINGS**

**LOCAL ORGANISER**

**Dr Richard A. LERSKI**

Director, Department of Medical Physics

Ninewells Hospital and Medical School

Dundee, DD1 9SY - UK

Tel: +44 1382 632700

Fax: +44 1382 640177

E-mail: [r.a.lerski@dundee.ac.uk](mailto:r.a.lerski@dundee.ac.uk)

**VENUE**

**Invercarse Hotel, 371 Perth Road**

**Dundee – Scotland**

**12<sup>th</sup> to 13<sup>th</sup> March, 2004**

# AGENDA

9.00 – 18.00



## Thursday 11<sup>th</sup> March

Arrival in Dundee during afternoon or evening

## Friday 12<sup>th</sup> March

9.00 Introduction and Welcome  
R A Lerski (UK)

### **Working Group 1 - Measuring Techniques : Chairmen – J Reichenbach and L R Schad (D)**

9.10 Introduction and draft agenda for the Working Group  
J Reichenbach and L R Schad (D)

9.30 Manganese enhanced MRI in the study of CNS damage and regeneration  
C Brekken (NO)

9.50 Texture analysis : The use of Phantoms, Selection of TA Parameters  
D Jirak, A Skoch, M Hajek (CZ)

10.10 *Discussion*

10.30 *Coffee*

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

11.00 Introduction and draft agenda for the Working Group  
A Materka (PL)

11.20 A tracer kinetic model from first principles applied to MR Perfusion imaging  
A Malyshev and A Lundervold (NO)

11.40 Computer modelling of vascular tree growing and simulation of drug release  
M Kocinski (PL)

12.00 *Discussion*

12.30 *Lunch*

### **Working Group 3 – Experimental verification and trials : Chairman - J Chambron (F)**

- 13.30 Introduction and draft agenda for the Working Group  
R A Lerski (UK) – deputising for J Chambron
- 13.50 MRI texture analysis: results, open questions and work in progress in Rennes  
J de Certaines and P-A Eliat (F)
- 14.10 Clinical Application I – Texture Analysis of Human Liver  
M Dezortova, D Jirak, P Taimr, M Hajek (CZ)
- 14.30 Clinical Application II – Texture Analysis of Calf Muscles  
M Hajek, A Skoch, D Jirak, P Vyhnanovska, M Dezortova, P Fendrych, E Rolencova (CZ)
- 14.50 *Discussion*
- 15.20 *Coffee*

### **Plenary Meeting – Plans for the Action in 2004**

- 15.50 Working Group 1 - J Reichenbach  
Working Group 2 - A Materka  
Working Group 3 - J Chambron (R A Lerski)  
Overall B21 Action - R A Lerski
- 18.00 *Close*

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***2<sup>nd</sup> Management Committee Meeting***

**VENUE**

**Invercarse Hotel, 371 Perth Road  
Dundee – Scotland**

**Saturday 13 March, 2004**

**A G E N D A**

**9.00 – 18.00**



**9.00 – 13.00 : 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 Brussels (15<sup>th</sup> December 2003)
- 4) Presentation of the delegations
- 5) Status of COST B21 Action
- 6) Short Term Scientific Missions
- 7) Dissemination : publications and web site
- 8) Update on Work Plan
  - ◆ Objectives and work programme
  - ◆ Working methods, organisation and management
  - ◆ Distribution of tasks
  - ◆ Annual Plan
- 9) Agreement of next Working Group meetings
- 10) Place and date of next meeting of the Management Committee
- 11) Any Other Competent Business

**10.00 – 10.30 : *Coffee***

**13.00 – 14.00 : *Lunch***