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

**LOCAL ORGANISER**

**Professor Andrzej Materka**

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**VENUE**

**Technical University of Łódź**

**Wolczanska 223**

**90-924 Łódź**

**7<sup>th</sup> – 8<sup>th</sup> October, 2005**

# AGENDA

9.00 – 18.00



## Thursday 6<sup>th</sup> October

Arrival in Lodz during afternoon or evening.

## Friday 7<sup>th</sup> October

08.45 Welcome  
A Materka (PL)

08.50 Introduction  
R A Lerski (UK)

### Working Group 1 - Measuring Techniques : Chairman – J Reichenbach (D)

08.55 Introduction and draft agenda for the Working Group 1  
J Reichenbach (D)

09.15 Molecular Imaging – Where are we?  
M Hajek (CZ)

09.35 Visualisation of transplanted insulin islets in liver by specific contrast agents  
D Jirak (CZ)

09.50 MR characterisation of minor brain damage in children born prematurely  
O Haraldseth (NO)

10.05 What we can see in 31P MR spectra after drinking coffee?  
M Dezortova (CZ)

10.20 *Discussion*

10.30 *Coffee*

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

10.45 Introduction  
A Materka (PL)

10.50 Report on software  
P Szczypinski (PL)

11.05 Approaches to MRI computer simulation  
H Benoit-Cattin (F)

11.25 Modelling of molecule transport in normal and cancerous liver  
C Fauvel, J Bezy-Wendling, P Eliat, J de Certaines (F)

- 11.45 3D Statistical texture analysis  
M Strzelecki, L Palus (PL)
- 12.00 Venous vessel extraction from high-resolution SWI data  
A Deistung (D), A Kocinski (PL), J Reichenbach (D), P Szczypinski (PL)
- 12.15 Unsupervised image segmentation in MaZda  
A Klepaczko, A Materka (PL)
- 12.30 3D Texture segmentation using a network of synchronized oscillators  
M Strzelecki (PL)
- 12.45 Scopira: A C++ open source application framework for Biomedical Data Analysis  
R Vivanco (CA)
- 13.05 **Discussion**
- 13.15 **Lunch**

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

- 14.30 Introduction and draft agenda for the Working Group  
J de Certaines (F) – deputising for J Chambron
- 14.45 3D MRI databases  
J de Certaines (F)
- 15.15 **Discussion**
- 15.45 **Coffee**

### **Plenary Meeting – Plans for the Action in 2006**

- 16.15 Working Group 1 - J Reichenbach  
Working Group 2 - A Materka  
Working Group 3 - J Chambron (J de Certaines)  
Overall B21 Action - R A Lerski
- 17.15 Discussion on the status of the Texture Analysis textbook  
M Hajek, R A Lerski, A Materka
- 18.00 **Close**

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***5<sup>th</sup> Management Committee Meeting***

**VENUE**

**Technical University of Łódź  
Wolczanska 223, 90-924 Łódź**

**Saturday 8<sup>th</sup> October 2005**

**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 Szeged (19 March, 2005)
- 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) Update on Work Plan
  - ◆ Objectives and work programme
  - ◆ Working methods, organisation and management
  - ◆ Distribution of tasks
  - ◆ Annual Plan
- 11) Agreement of next Working Group meetings
- 12) Place and date of next meeting of the Management Committee
- 13) Any Other Competent Business

**10.00 – 10.30 : *Coffee***

**13.00 – 14.00 : *Lunch***