

<p style="text-align: center;"><b>EC COST B21</b> <b>Physiological Modelling of MR Image Formation</b></p>
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**MINUTES of the 3rd MANAGEMENT COMMITTEE MEETING**

**VENUE**  
**Aeneas Hotel**  
**Ayia Napa - Cyprus**

**Saturday 2nd October 2004**

**PRESENT**

AUSTRIA	Ewald MOSER
CZECH REPUBLIC	Monika DEZORTOVA
	Milan HAJEK
	Daniel JIRAK (invited)
CYPRUS	George GREGORIOU
DENMARK	Anders KARLSSON
	Hans STODKILDE-JORGENSEN
FRANCE	J. DE CERTAINES (Repr. J. CHAMBRON)
	J. BEZY- WENDLING (invited)
GERMANY	Jürgen REICHENBACH
	Lothar SCHAD
HUNGARY	Tamas JARDANHAZY
CROATIA	Sven LONCARIC
ITALY	Nicola CULLEDU
	Alberto SPISNI
NORWAY	Arvid LUNDERVOLD
POLAND	Andrzej MATERKA
	Michal STRZELECKI
SLOVAKIA	Dusan DOBROTA
	Vladimir MLYNARIK
SLOVENIA	Stanislav KOVACIC
UNITED KINGDOM	Richard LERSKI
	Maria PETROU

**EXCUSED:** R. DOMISSE (BE), O. HARALDSETH (NO), A. SANTOS (E), B. CARSTOCEA (RO), J. CHAMBRON (F), M. DESCO (E), S. MEME (F), J. MOLNAR (H), A. STAICU (RO), G. SZEKELY (CH), S. TRATTNIG (A)

*List of the Management Committee members given in Annex 1*

## **1. WELCOME TO PARTICIPANTS**

Chair R. Lerski opened the 3<sup>rd</sup> MC Meeting by welcoming all participants.

## **2. ADOPTION OF THE AGENDA**

The Agenda was adopted with only one modification: points 11 and 12 were discussed together.

## **3. ADOPTION OF THE MINUTES OF THE 2ND MC IN DUNDEE**

The minutes of the 2<sup>nd</sup> MC held in Dundee, 13 March 2004 were adopted without any changes.

## **4. PRESENTATION OF THE DELEGATIONS**

There were no new enquiries from other countries. Greece sent an e-mail to express their interest. R. Lerski responded to this e-mail with the rules to follow. Since then, no news was received.

## **5. STATUS OF COST ACTION B21**

R. Lerski said that he is very pleased with the way the action B21 is running to date. He thinks they are right on schedule with their programme.

The Action started in December 2003 and will be running until end 2007. Since the start good progress was made and a number of STSM were started.

## **6. REPORT FROM THE CHAIR AND THE SCIENCE OFFICER : Budget Status**

The Science Officer was represented by Anja Van der Snickt, Administrative Officer, who explained that to date they have used about 73,000 Euro.

The MC Members would like to use some of the 2004 Budget for an extra meeting of WG3 and a Steering Committee on Publications. Because it is impossible for WG3 and the Steering Committee to organise the meeting in 2004, the meeting is scheduled for 17 January 2005. However, in order to be able to use the 2004 Budget, the meeting should be approved before December 2004.

The AO confirmed that the Budget allocated to B21 for 2005 will be approximately 85,000 Euro.

## **7. NON COST PARTICIPATION :**

Alan Evans was accepted by the last meetings of the CSO and the TC as a formal MC Member representing Canada. Thus Alan Evans can join all MC Meetings but according to COST rules he will have no right to vote, nor will he be reimbursed by COST.

The MC presented Richard Baumgartner from Canada as a possible second representative for the Management Committee of COST Action B21.

R. Lerski sent all necessary forms with regard to Richard Baumgartner's acceptance to the MC, to COST office. TC Members will decide on acceptance of Richard Baumgartner at the TC Meeting end October.

## 8. SHORT TERM SCIENTIFIC MISSIONS

R. Lerski explained about the problems faced for STSM organisation:

- Regulations too long
- Payments too long
- Young scientists have to advance payment from their own pocket
- Too many reviewers for such small missions

An answer to the above queries could be :

- Make the regulations easier to follow. COST SO/AO have drafted a checklist for the procedure of the STSM follow up which will be sent to all MC Chairs beginning October. The MC Chairs and STSM Panels will be asked to follow the Checklist so to ascertain they are at the same level of progress with COST Office.
- Payments should be made straight after the approved Scientific Report is received by COST. This is usually done but to date there is some delay due to Summer Season.
- 50% Advance payment would be a good alternative for the young scientists who have to pay the STSM from their own pocket. AO will look if this is possible to obtain without complicating the procedure and inform the MC adequately.
- Can we limit the number of reviewers ? The answer is that according to COST Rules either the MC Chair can approve the STSM or an STSM panel has to be set up. The STSM panel should consist of minimum 3 maximum 5 members. In case of COST Action B21, an STSM panel was set up of 5 members but it can be changed with the mutual agreement of all members. This can be decided upon in the next MC Meeting.

Furthermore, R. Lerski explained in brief about the STSM Rules and the idea behind STSM. He confirmed that possible candidates could be either postdoc or Phd Students.

Each working group gave an overview of the STSMs required in their field:

	<u>FROM Institute</u>	<u>TO Institute</u>
WG1:	Vienna	Prague
WG1/2:	Jena	UK
WG2:	Aarhus	Jena
	Lodz	Jena
WG3:	Vienna	Prague
	Dundee	Rennes
	Jena	Dobrota

R. Lerski asked each WG Leader to identify the relevant people in their WG and to send him the list. R. Lerski will forward us this list for approval as soon as he receives it.

## **9. DISSEMINATION : PUBLICATIONS AND WEBSITE**

### **Publications :**

- 1) Texture Analysis Textbook (TAT) :  
Milan Hajek gave a detailed overview on the status of the Texture Analysis Textbook.

The textbook will consist of 9 chapters + the following Appendices:

Appendix A: Dictionary of Texture Analysis

Appendix B: Additional Features of MaZda

Appendix C: MaZda Programme on CD

The chapters were outlined in a presentation (Attachment 2). Note: Chapter 8 is not yet completely prepared.

The following topics with reference to the TAT were outlined:

- Workflow: To date Milan Hajek received and distributed the abstracts.
- Publishers: Negotiations with publisher Springer Verlag have started. Milan Hajek will send them the abstracts in October so to give them an image of what the book will look like.
- Editors : Richard Lerski, Milan Hajek, Andrzej Materka
- Deadlines: There will be a Euro Conference on Radiology in March 2005 at which the book will be announced. The abstracts should be finished by then.
- COST Support : the AO confirmed that COST supports publication of books by buying a number of issues. AO will check with SO how many books COST can buy and inform both R. Lerski and Milan Hajek accordingly.

A meeting will be held mid January 2005 to discuss the following topics :

- delay in practical work
- training and testing

- 2) Paper based on a STSM Mission is being written.

### **Website**

Andres Santos, the responsible for the website, was not present at the MC meeting. R. Lerski asked all participants to forward all requests and information to A. Santos.

## **10. UPDATE ON WORK PLAN**

Each WG Leader will write a summary of their Work Plan and send it to the AO/SO.

In brief, the following was discussed :

WG 1 : Challenges for 2005 :

- Phantoms
- Refining Experimental Results and Simulations
- Link to WG3 = transfer of techniques

WG1 : Workplan :

- More STSMs
- Animal studies
- Reports & Publications : submission of abstracts and manuscripts
- Invite external expert in of the B21 meetings in 2005

WG2 :

- 3 areas of activities
- MaZda Software = userfriendly. Problem = how to break MaZda Code ?
- Cooperation with other WGs needed
- New format for Image Dating
- Identification of different groups of texture
- Request Cristova Grabiell, valuable asset to WG2 as interested in 3D Texture
- Image classification previous meeting but still continuing. Different approach to register images
- Shareware versus Freeware
- Modeling of Texture: presentation given. Future plan = Bergen cooperation
- Invite external expert

WG3 :

- Managed by J. de Certaines.
- Important more clinical evaluation of methods.
- Extend method to clinicalization => how to organise
- What program to start
- Standardize method
- Obtain more valid results

The proposal was raised to do research on liver instead of brain as already a lot of groups are working on brain so there is a lot of competition.

However, the following topics have to be considered :

- Brain tumor was selected as a target
- Why change to liver as developments and techniques are going to brain research and not liver research.

As a conclusion it is proposed to do Research both Brain and Liver.

The following institutes having Clinical Equipment were identified:

- Rennes
- Dundee (from 2005)
- Heidelberg

- Bergen
- Trondheim
- Jena (from 2005)

Identification on who can do research on Liver and/or Brain is listed below :

<u>LIVER</u>	<u>BRAIN</u>
Rennes (PC <sup>1</sup> )	Jena
Prague (PC)	Heidelberg
Vienna	Rennes
Martin	Surrey
Surrey (Method.)	Prague
Dundee	Martin
	Vienna
	Bergen
	Bratislava
	Trondheim

WG3 will summarise in 1 page today's discussion and suggest a protocol for liver research. Summary and protocol proposal will be sent by e-mail to all MC members.

WG3 will continue discussion on 3/10 at 09:15

## **11. AGREEMENT OF NEXT WORKING GROUP MEETINGS**

### **12.**

### **13. PLACE AND DATE OF NEXT MEETING OF THE MC**

Points 11 and 12 of the agenda were discussed together.

<u>Name of Meeting</u>	<u>Date</u>	<u>Place</u>
WG3/Steering Group Publications	17/01/2005	Brussels
MC4 + WG1,2,3	18-20/03/2005	Valencia/Budapest (to be decided)
MC5 + WG1,2,3	07-09/10/2005	Parma

## **14. ANY OTHER COMPETENT BUSINESS**

- Annual Report 2004 :  
AO informed the MC members that the AR 2004 will be ready end December.
- Technical Committee Medicine and Health :  
AO informed MC members that the TC Meeting Medical & Health is scheduled for 25-26 October 2004. This meeting invites the MC chairs of all actions in Medicine. Thus R. Lerski will represent COST B21 Action.

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<sup>1</sup> PC = Pre Clinical

- COST Days 30/11-01/12/2004 :  
The AO informed the MC that there will be COST Days in the buildings of the European Parliament to present COST in order to assure it a good position for financing from the 7<sup>th</sup> Framework Program.
- Closing of the meeting :  
R. Lerski thanked the local organiser George Gregoriou for an excellent organization of the 3rd MC Meeting and joined events.

Prof. R. Lerski  
Chair  
COST ACTION B21

Anja Van der Snickt  
Administrative Officer  
COST ACTION B21