

Board meeting

Wednesday, June 13th 2001, at 14.00
DataCity, 2nd floor, TY Neuvotteluhuone 3

Minutes

Present:

Christer Carlsson, Prof.
Ivan Porres Paltor, Ph.D. Student (not present during item 5.)
Jouni Isoaho, Prof. (arrived at 14.13, during item 4.)
Timo Järvi, Prof., Chairman (not present during item 5.)
Juhani Karhumäki, Prof.
Johan Lilius, Prof. (left the meeting at 15.56, during item 8.)
Reima Suomi, Prof., Vice-Chairman (Chairman during item 5.)

Ralph-Johan Back, Prof., Director, Presenting Officer
Tapio Salakoski, Prof., Vice-Director

Christel Donner, Presenting Officer (personnel, financial affairs)(secretary of the meeting during item 4.)
Thomas Sund, Secretary, Presenting Officer (personnel, educational affairs)(not present during item 4.)

The meeting was paused between 15.15-15.20.

1. Validity of the meeting and presence of a quorum

The notice of a board meeting has to be sent three weekdays before the meeting takes place. The meeting must be valid and the members present have to constitute a quorum. The meeting constitutes a quorum when the chairman and at least five members of the board are present.

The notice of this board meeting was sent on Thursday, June 7th 2001.

Proposal: The validity of the meeting and presence of a quorum will be recorded.

Decision: According to proposal.

2. Additional items

The agenda of possible additional items will be handed out in the beginning of the meeting.

Proposal: Possible additional items will be presented.

Decision: No additional items were presented for the board.

3. Preparatory application for a full-time TUCS salary (Back)

TUCS has received an application for TUCS salary for a period of two years. The applicant is planning to request a leave of absence (palkaton opintovapaa) from his current employer and move to Turku in order to finish his doctoral studies at TUCS. He wishes however that the TUCS Board could make a decision in the matter before he proceeds with the practical arrangements with his employer. The exact starting date is relatively hard to estimate because of the current employers legal right to adjourn the request for a period of six months.

Professor Markku I. Nurminen, who is the supervisor of the applicant, favors the application.

Proposal: The TUCS board grants the request of TUCS salary. The salary is granted for a period of one year, continuation being possible according to the normal TUCS principles. The starting date will be later decided by Professor Nurminen, the TUCS director and the applicant.

Decision: According to proposal.

4. New positions at TUCS (Salakoski)

TUCS is hiring two CS M.Sc. students as laboratory engineers for the summer, with the idea that the contracts would be continued in the fall as part time positions. The laboratory engineers will take care of TUCS www pages and develop the technical infrastructure.

Administrative officer Christel Donner will be on maternity leave from August/September and a substitute will be hired to take care of the financial affairs during that time.

Administrative officer Tiina Lehto is coming back from her leave of absence in August. The plan is that she would continue to work mainly with coordination, PR, and TUCS Magazine. These tasks have increased significantly over the years, however, the work done has proven effective, e.g., the TUCS PR campaign in this spring had clearly a positive effect on the recruitment of not only M.Sc. and M.Eng. students but on Ph.D. students as well.

It is further planned that Thomas Sund would continue to work with TUCS as an administrative officer, taking care of the educational affairs. In addition to the Graduate School matters, tasks related to the new International Master's Programme would be his responsibility. His current position would be extended for one year, and the situation would be reevaluated next year.

Administrative officer Christel Donner has prepared an updated summary of the current financial situation. The following calculation includes salary expenses for an additional administrative officer (213.000 FIM/year) until August 31st, 2002 and two half time laboratory engineers (99.000 FIM/year) for the years 2001 – 2005. According to our experience, the budgeted deficit of 1,2 Mmk in 2002 will be compensated by savings expected this year. Hence, it seems that the financial situation would allow the planned positions, although the headroom is not ample.

TUCS	2001	2002	2003	2004	2005
Incomes, including surplus for year 2001	13.604.500	10.313.100	11.353.500	12.249.400	12.444.900
Expenses					
Personnel	1.721.250	1.824.000	1.682.000	1.682.000	1.682.000
Furnishing	180.000	437.000			
PR	200.000				
Grad. School	8.336.400	7.240.000	7.490.000	7.750.000	7.960.000
Laboratories	1.800.000	2.000.000	2.000.000	2.000.000	2.000.000
Laboratories, surplus	1.341.600				
Total	13.579.250	11.518.100	11.189.100	11.449.100	11.659.100
Difference	25.250	- 1.205.000	164.400	800.300	785.800

Proposal: Two laboratory engineer positions will be continued in the fall as part time positions (A17, 55%). The current contract of administrative officer Thomas Sund will be extended until August 31st, 2002.

Decision: According to proposal.

5. Study Reports (Sund)

The TUCS Graduate School committee (members: Barbro Back, Jouni Isoaho, Chairman Juhani Karhumäki, Olli Nevalainen, Hannu Salmela and Joakim von Wright) proposes continuation of TUCS status and financing for the TUCS Ph.D. students according to the appendix 1/6/01.

The students will be informed about the continuation or termination of their financing/student status by a letter. These decisions will take effect in the beginning of the next academic year, September 1st 2001.

Appendix: 1/6/01 (electronic)

Proposal: The TUCS board approves the proposal of the TUCS Graduate School committee for continuation of TUCS status and financing for the TUCS Ph.D. students according to the appendix 1/6/01.

Decision: The meeting did not constitute a quorum and the item was left on the table. The Board discussed the item and made some minor changes in appendix 1/6/01. The appendix that includes the changes made will be handled at the next board meeting. A preparatory decision was made, but it must be validated at the next board meeting.

6. TUCS Ph.D. applications (Back)

The TUCS Graduate School Committee held a meeting on May 31st 2001 where all the applications that had arrived by the deadline of May 15th 2001 were handled. The GS committee evaluated a total of 43 applications that had been sent to the members of the group prior to the meeting. The GS committees proposal to the TUCS Board can be found in appendix 2a/6/01 together with a description of the financial situation.

The applications of the applicants that the GS committee views as possible TUCS students and that are listed in appendix 2a/6/01 have been sent (paper format, marked 2b/6/01) to the members of the Board prior to the BM. The rest of the applications can be viewed at the meeting or in the office of Administrative Officer Thomas Sund.

The evaluations of the members of the GS committee can be found in appendix 2c/6/01 and a listing of all the applicants is marked as appendix 2d/6/01.

Appendix: 2a–2d/6/01 (electronic, paper)

Proposal: The proposal was sent on Friday, June 8th 2001.

TUCS accepts the following students (in the brackets information about funding/research group/supervisor).

1. Tommi Laine (TUCS salary/ETT/Prof. Jouni Isoaho),
2. Peter Majlender (TUCS grant/IAMSR/Prof. Christer Carlsson)
3. Johanna Holm (TUCS salary/research group at TuKKK/Prof. Reima Suomi)
4. Ruggiero Rossi de Mio (Project Funding/IAMSR/Prof. Christer Carlsson)
5. Filip Ginter (TUCS grant/Algorithmics/Prof. Timo Järvi & Prof. Tapio Salakoski)
6. Shenghan Han (TUCS grant/IAMSR/Prof. Christer Carlsson & Prof. Pirkko Walden)
7. Ville Harkke (Project Funding/IAMSR/Prof. Christer Carlsson & Prof. Pirkko Walden)
8. He Tan (TUCS grant/Countess/Prof. Kaisa Sere)
9. Tuure Välimaa (TUCS salary/Theory Group.../Prof. Jarkko Kari)
10. Chihab Benmoussa (TUCS grant until August 31st 2002, after that project

- funding/IAMSR/Prof. Christer Carlsson)
11. Tomi Westerlund (TUCS salary/Programming Methods Group/Prof. Kaisa Sere)

Decision: The Ph.D. applicants listed below will be accepted as new TUCS Ph.D. students, starting September 1st 2001. All applicants will be notified by a letter about the outcome. In the brackets is information presented about funding/research group/supervisor):

1. Tommi Laine (TUCS salary/ETT/Prof. Jouni Isoaho),
2. Peter Majlender (TUCS grant/IAMSR/Prof. Christer Carlsson)
3. Johanna Holm (TUCS salary/research group at TuKKK/Prof. Reima Suomi)
4. Ruggiero Rossi de Mio (Project Funding/IAMSR/Prof. Christer Carlsson)
5. Filip Ginter (TUCS grant/Algorithmics/Prof. Timo Järvi & Prof. Tapio Salakoski)
6. Shenghan Han (TUCS grant/IAMSR/Prof. Christer Carlsson & Prof. Pirkko Walden)
7. Ville Harkke (Project Funding/IAMSR/Prof. Christer Carlsson & Prof. Pirkko Walden)
8. He Tan (TUCS grant/Programming Methods Group/Prof. Kaisa Sere)
9. Tuure Välimaa (TUCS salary/Theory Group.../Prof. Jarkko Kari)
10. Chihab Benmoussa (TUCS grant until August 31st 2002, after that project funding/IAMSR/Prof. Christer Carlsson)
11. Tomi Westerlund (TUCS salary/not decided/Prof. Kaisa Sere & Prof. Jouni Isoaho)

7. Post doctoral applications (Sund)

TUCS has received one postdoctoral application. The applicant is shortly presented below.

- Tero Aittokallio, Finland.
- M.Sc. in Applied Mathematics, University of Turku, December 4th 1997.
- Will defend his Ph.D. thesis on June 19th 2001.
- Thesis entitled "Characterization and Modelling of the Cardiorespiratory System in Sleep-disordered Breathing", from the field of Mathematics, supervised by Prof. Mats Gyllenberg (Biomathematics) and Prof. Olli Nevalainen (Algorithmics)
- Applies for the postdoctoral position starting September 1st 2001.
- Professor Mats Gyllenberg has shown interest towards the application and is ready to be Mr. Aittokallios contact person should he be accepted to TUCS.
- Mr. Aittokallio would be placed in the Biomathematics group (TY).
- The financial situation allows the hiring of Mr. Aittokallio.

The application and curriculum vitae of Mr. Aittokallio and a presentation of the current financial situation concerning postdoctoral researchers can be found in appendix 3/6/01.

Appendix: 3/6/01 (electronic)

Proposal: Mr. Tero Aittokallio is accepted as a postdoctoral researcher to TUCS for a period of one year after he has received his doctoral degree. He will be placed in the Biomathematics group and his contact person at TUCS will be Professor Mats Gyllenberg. The starting date of Mr. Aittokallio will be September 1st, 2001. TUCS will pay Mr. Aittokallio the normal postdoctoral salary (A22).

Decision: According to proposal.

8. TUCS Laboratories (Back)

TUCS has received suggestions for the establishment of 13 new laboratories. The laboratories in question are:

- The Bioinformatics laboratory (Tapio Salakoski)
- The Embedded Systems laboratory (Johan Lilius)
- TUCS Health and Medical Informatics Institute (Timo Järvi)
- The High Performance Computing and Communication laboratory (Jan

Westerholm)

- The laboratory for Software Construction (Ralph-Johan Back)
- Distributed Systems Design Laboratory (Kaisa Sere)
- Institute for Advanced Management Systems Research (Christer Carlsson)
- Laboratory for Data Mining and Knowledge Management (Barbro Back)
- Laboratory of Biomathematics (Mats Gyllenberg)
- Institute for strategic planning of electronic commerce (Reima Suomi)
- Information Systems Laboratory LABORIS (Markku I. Nurminen)
- Computer Science Education and Educational Technology (theme, the name will be decided later) (Joakim von Wright)
- Laboratory of Discrete Mathematics for Information Technology (tentative name) (Juhani Karhumäki)

The Board invites a discussion about the establishment of the new laboratories and about the general guidelines concerning the laboratories. The guidelines are shortly presented below:

- A laboratory can be based on activities of an existing research group or it can be an novel direction
- A laboratory would typically consist of 10-30 persons
- A laboratory should both do research and participate in teaching masters and doctoral students in its field.
- A laboratory should be planned to operate with its own external funding.
- TUCS will support the laboratories with internal funding. Now a total of 2 Mmk is reserved for laboratories per year.
- Laboratories from new fields are encouraged, especially interdisciplinary ones.

Appendix: 4a-4m/6/01 (electronic)

Proposal: The proposal found below was sent on Friday, June 8th 2001.

The following laboratories that are already functioning will become TUCS laboratories: The Bioinformatics laboratory, the Embedded Systems laboratory, the Institute for Advanced Management Systems Research laboratory and the Information Systems Laboratory LABORIS.

The following laboratories will be founded as new TUCS laboratories: the High Performance Computing and Communication laboratory, the Laboratory for Software Construction, the Distributed Systems Design Laboratory, the TUCS Health and Medical Informatics Institute, the Laboratory of Biomathematics, the Institute for strategic planning of electronic commerce, Computer Science Education and Educational Technology (theme, the final name will be decided later), and the Laboratory of Discrete Mathematics for Information Technology (tentative name). The names for the laboratories of Prof. Karhumäki and Prof. von Wright are decided later.

The Laboratories decide on their own internal organization. Each laboratory may decide on 2-3 main competence areas, which will be included in the laboratory descriptions.

TUCS co-ordinates the laboratories, but the leaders of the laboratories have the full financial responsibility for the laboratories. The funding of the new laboratories will be decided later.

Below is the new proposal that was handed out in the meeting.

Proposal: The following laboratories that are already functioning will become TUCS laboratories:

- Bioinformatics laboratory
- Embedded Systems
- LABORIS

The following new TUCS laboratories will be founded:

- High Performance Computing and Communication,
- Software Construction,
- Distributed Systems Design,
- Data Mining and Knowledge Management,
- Health and Medical Informatics,
- Network Economics,
- Biomathematics,
- Computer Science Education and Educational Technology (theme, the final name will be decided later), and
- Discrete Mathematics for Information Technology (tentative name).

The names for the laboratories of Prof. Karhumäki and Prof. von Wright are decided later.

TUCS laboratories decide on their own internal organization, but should function according to the general rules decided by the Board of TUCS. TUCS co-ordinates the laboratories, but does not have the financial responsibility for the laboratories. The funding of the new laboratories will be decided later.

The laboratories may organizationally belong to a larger institute or center, which will be recognized as a TUCS center. Presently, all the departments participating in TUCS have the status of centers. In addition, TUCS would have the following centers:

- Institute for Information Systems Science (TuKKK)
- Institute for Advanced Management Studies (Åbo Akademi)
- Formal Methods in Programming (Åbo Akademi)

Decision: The following laboratories that are already functioning will become TUCS laboratories: Bioinformatics laboratory, Embedded Systems, LABORIS.

The following new TUCS laboratories will be founded: High Performance Computing and Communication, Software Construction, Distributed Systems Design, Data Mining and Knowledge Management, Health and Medical Informatics, Network Economics, Biomathematics, Computer Science Education and Educational Technology (theme, the final name will be decided later), and Discrete Mathematics for Information Technology (tentative name).

The names for the laboratories of Prof. Karhumäki and Prof. von Wright are decided later. TUCS laboratories decide on their own internal organization, but should function according to the general rules decided by the Board of TUCS. TUCS co-ordinates the laboratories, but the leaders of the laboratories have the full financial and organizational responsibility for the laboratories. The funding of the new laboratories will be decided later.

The overall organizational structure of research in TUCS was left on the table.

9. Telecommunication as a main subject (Sund)

The minor subjects in the International Master of Science (Tech.) education were decided at the last TUCS Board meeting. At that meeting, a decision was however not made regarding Telecommunication as a main subject due to insufficient information.

The computer engineering group has now made a proposal concerning Telecommunication as a main subject (hardware). The proposal of the group has been delivered to TUCS and it can be viewed in appendix 5/6/01

Appendix: 5/6/01 (electronic)

Proposal: TUCS recommends that the proposal presented in appendix 5/6/01 is approved by the concerned faculties.

Decision: According to proposal. The language in the proposal will be controlled, so that the language in the course description is the same as the teaching language in the course.

10. Announcements

10.1 Minutes of the TUCS board meeting of February 26th, 2001.

Appendix: 6/6/01 (electronic)

10.2 Announcements by the Director concerning the time period May 8th – June 13th, 2001.

Appendix: 7/6/01 (electronic)

The next board meeting will be held on June 19th 2001. The meeting will start at 15.30 and it will be held in DataCity, 2nd floor, TY Neuvotteluhuone 3.

Turku, June 15th, 2001

Timo Järvi
Chairman of the board

Reima Suomi
Vice-chairman of the board

Ralph-Johan Back
Director

Tapio Salakoski
Vice-director

Christel Donner
Administrative Officer

Thomas Sund
Administrative Officer