



# ICT MASTER PROGRAMME –

Multidisciplinary international cooperation in  
Information Processing Science

Seminar meeting  
19.-20.5.2006  
Arkhangelsk

Kari Pankkonen 5/2006

DEPARTMENT OF INFORMATION PROCESSING SCIENCE

PIPS

## ICT-master programme

Agenda 19.5.2006

- Introduction of the participants
- Approval of the agenda
- Common structure of the Master programme and Dual Degree
- Exchange of students
- Exchange of teachers
- Quality evaluation
- Transfer of information between universities
- Agreements
- Financing and resources
- Teaching and study arrangements
- Degree, certificate, diploma supplement
- Other topics

Kari Pankkonen 5/2006

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# ICT-master programme

Group work 19.5.2006

- Presentation of participants and participating universities
- Presentation of the curriculum of Information Processing Science at University of Oulu (Kari Pankkonen)
- Comparison of the Bachelor degree (3 years) and corresponding studies at Russian universities
- What is the final aim/target in cooperation (Dual Degree)?
- First years:
  - Master degree at UOulu, later Dual degree
- Timing:
  - Draft for master programme, pilot courses, ... dual degree
- Student exchange:
  - financing, courses to be offered for students

# ICT-master programme

Conclusions 19.5.2006

- Participating universities (PSU, KSPU, MTU, UOULU) 5/2006
- Selection of topic areas and courses by 10/2006
- Draft for master programme by 12/2006
- Student exchange starting from 1/2007 (6 months, 3 students/university)
- Information about the students course selections 2 months before the exchange period begins
- Teacher exchange starting from 1/2007 (first 2 weeks/teacher)
- Selection of courses of each participating university
- Materials on OPTIMA (from 5/2006)
- Basic english skills are required
- Financing mainly through FIRST programme
- Draft for time plan 20.5.2006
- Problems and risks analysis

# ICT-master programme

Group work 20.5.2006

- Discussion of contents to be offered by collaborating universities:
  - **Pomor State University:** Computer networks, Mathematically based cryptography, Theory of parallel processes and parallel programming, Applied mathematical statistics (totally round 30 ECTS)
  - **Karelian Pedagogical University:** Theory and technology of distance pedagogical interaction
  - **Murmansk State University:** to be discussed
  - **University of Oulu:** Courses from Software Business and/or Mobile Services, proposal for list of courses to be done by 8/2006
- Draft and description of courses till 10/2006
- Administrative topics;
  - Who will approve the programme?
    - Faculty of Science at UOulu
    - Council of the participating university in Russia, licensed by the Ministry of Education

# ICT-master programme

Group work 20.5.2006

- The role of University consortium
  - Approves the joint programme
  - Every single university is responsible for its own pool of courses
  - Ministry of education gives “the licence” for the programme
  - Standard for master programme exists
- Problems and risks
  - A) Administrative → to be solved on “rector level”
  - B) Contents of the programme: requirements, selection of students etc.
- Student exchange to be started in the beginning of 2007
  - Joint meeting, discussions for arrangements in 11/2006

# ICT-master programme

## Goals

- Joint understanding and agreement on the cooperation between the partner universities
- Adapting the Bologna process inside and between partner universities
- Necessary administrative actions at collaborating universities
- Description of objectives, topics and contents for cooperation
- Project plan and applying resources for the project
- Selection and developing joint pool of courses for collaborative studies
- Student and teaching staff exchange
- Targeting towards Dual Degree

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