MINUTES
and
MAIN RESULTS
of the
MEETING OF EXPERT GROUP
held on 24 to 25 November 2005 in Bucharest

In this Meeting **20 representatives of 7 European countries** took part, including Spain, Bulgaria, Czech Republic, Estonia, France, Luxembourg and Romania.

The meeting of the expert group was conducted with the following agenda:

- Welcome Address by the Vice-rector Prof. Viorel Lefter of the Academy of Economic Studies, Bucharest, Romania.
- Introduction of the meeting participants.
- Presentation of the doctoral activity in the Academy of Economic Studies, Bucharest.
- Discussions comparable syllabi in Computing and Informatics for PhD students in other disciplines.
- Discussions common courses in the curricula of the basic specialities - CS, CE, SE and IS.
- Clarifying some of the financial rules for project work.
- Specifying future activities. Discussion.

The meeting was opened by Prof. Rodica Mihalca – Coordinator for the Academy of Economic Studies
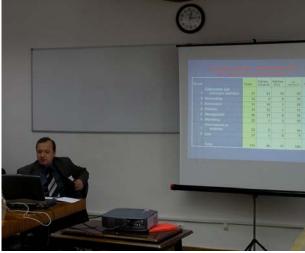

A Welcome address to the participants in the work meeting was delivered by Prof. Viorel Lefter, Vice-rector of the Academy of Economic Studies.

The participant in the meeting were familiarized with the doctoral education in the Academy of Economic Studies.

As a result of the active work a list with comparable computing courses was produced, which will be offered as possibilities to be included in the curricula of doctoral students in other non-computing specialities.

Proposed computing modules for non-Computing Ph.D.

(user oriented and customized…)

1. Multimedia technologies
2. Internet and data access technologies
3. Databases and information systems
4. Multidimensional data analysis
5. Information systems management
6. Information security
7. Operational systems (practical)
8. Computer based modelling and simulation
9. Intelligent systems for decision support
10. Requirements engineering
11. e-Content (e-Commerce, e-Government, e-Economy, e-Medicine, e-Learning, e-Management, …)

The expert group also produced a list with basic courses, which will be proposed to be included in the comparable curricula for the education of doctoral students in the specialities - CS, CE, SE and IS.

Proposed computing modules
(CS, CE, SE, IS)

1. **Scientific research methodology and practical guidance for PhD students**
   – Introductory doctoral seminar
   – Preparation of scientific papers and presentation skills
   – Methods of scientific research
   – Elaboration of doctoral thesis
   – Library information systems
   – Time management skills

2. **Complementary aspects of scientific research**
   – Research project management

– Intellectual property protection, research ethics
– Economical aspects of scientific research
– Philosophy of science

3. Advanced scientific research methods
– Quantitative and qualitative research methods
– Systems for automation of scientific research
– Optimization methods
– Computer modeling of continua and structures
– Mathematical statistics and planning of experiments

4. English for academic purposes

5. "Post-doctoral" seminar (what to do after PhD, CVs, entrepreneurship)

During the launch and in the evening the meeting participants continued their discussion in an informal environment.