



University of Tsukuba
University of Banja Luka



Seminar: “Mathematics and Informatics Education Supported by ICT”

Date:	Mon. October 16, 2006
Time:	10:00 – 13:45
Venue:	University of Banja Luka, Rectorate
Program:	10:00 Opening 10:10-10:40 The movement for technological innovation in Mathematics and Informatics Education Supported by ICT. <i>Kyoko KAKIHANA</i> (Tsukuba Gakuin University) 10:45-11:15 Environments for technological innovation in Mathematics Education Supported by ICT. <i>Kimiho CHINO</i> (University of Tsukuba) 11:15-11:30 Coffee break 11:30-12:30 Mathematics and Informatics Education in RS/B&H. <i>Petar MARIĆ, Zdenka BABIĆ, Vladimir JOVANOVIĆ</i> (University of Banja Luka), <i>Momir VASIĆ</i> (Republic Pedagogy Institution) 12:35-13:15 The process and results in development of Contents for e-learning. (including activities in RS/B&H) <i>Milan JANJIĆ</i> (University of Banja Luka), <i>Ljubomir PETKOVIC</i> (Machine High School Prijedor), <i>Olivera BANJAC</i> (Electrotechnical school of Prijedor) 13:15 Comments and interactive discussion with the conference participants, conclusions and closing

Purpose: To share the information and ideas for Mathematics and Informatics Education Supported by ICT with professors of universities and teachers of schools in Republic of Srpska/Bosnia & Herzegovina.

Audience & potential participants: mathematics and informatics educators, in-service teachers, undergraduates/graduates preparing to be teachers, teacher educators, and people involved in curricular development in mathematics and informatics, as well as researchers in mathematics and informatics education.



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Conclusions from the seminar “Mathematics and Informatics Education Supported by ICT”

1. We should systematically introduce eLearning into public educational institutions throughout joint work of all the institutions - participants in the seminar, and especially:
 - Implement seminars, workshops, working meetings, presentations and the other activities aiming to disseminate the awareness about the importance of the introduction of various forms of eLearning into educational system of RS/BiH.
 - Improve the informatics equipment of educational institution
 - Select and introduce a unique LMS for all levels of education
2. Based on our positive experience from the running project we jointly (University of Banja Luka and the University of Tsukuba) should support the above-mentioned project from the field of eLearning.
3. We should initiate the collaboration in the field of postgraduate studies and research throughout the activities of the University of Tsukuba and University of Banja Luka.
4. We should introduce a pedagogical group of subjects at the Faculty of Electrical Engineering in Banja Luka, through a new department or study group that would educate the teachers of informatics.
5. We must define the role of the institutions of higher education in life-long learning in Republika srpska.
6. The participants of the seminar will inform their institutions about these conclusions and work on their implementation.