



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

Teachers' readiness evaluation and their training for professional activities using information and communication technologies

Name, Title and Affiliation of Chair:

Marina Lapenok

Doctor of Education, Doctor of Engineering,
Director of the Institute of Mathematics, Computer Science and Information Technology;
Head of the department of informatics, information technologies and technique of training in informatics;
Ural State Pedagogical University; Yekaterinburg, Russia

Details of Session (including aim and scope):

1. The development of the conceptual foundations of computer didactics.
2. The development of a technique of teacher's readiness evaluation to creating and using of electronic educational resources in order to ensure the variability forms, methods and content of training.
3. The development of methods, techniques and tools for evaluating current and final grades of education and the quality of learning.
4. The teachers' training for application of cloudy technologies in professional activity.
5. The interaction of educational environments: learning management system of university, personal teaching environment of teacher and personal learning environment of student.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):**Researchers:**

1. Marina V Lapenok. Creation and use of electronic educational resources in distance learning system to ensure the variability of organizational forms of learning: Monograph / Ural state pedagogical university - Yekaterinburg, 2012 - 295 p.
2. Boris E. Starichenko. Conceptual basics of computer didactics. Monograph: – Yelm, WA, USA. Science Book Publishing House, 2013. – 184 p.
3. Irina N. Semyonova Metodology of teaching mathematics methods designing in the modern educational paradigm. Monograph: -Yelm, WA, USA: Science Book Publishing House, 2014. – 179 – 156 p.
4. B. Starichenko et al. The metod of use of information and communication technologies in educational process. Manual in 4 parts.// B. Starichenko, E. Korotayeva, Semenova , A. Slepukhin, M. Mamontova, L. Sardak, A. Egorov / Ural state pedagogical university - Yekaterinburg, 2013. – 615 p.

Research Centres:

1. The Federal laboratory of information technologies in education, Ural State Pedagogical University, Yekaterinburg, Russia.
2. The International Association for the Evaluation of Educational Achievement, Netherlands, Amsterdam

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