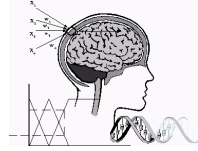




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



INVITED SESSION SUMMARY

Title of Session: SMART EDUCATION FOR CHILDREN WITH SPECIAL EDUCATIONAL NEEDS

Name of Chair:

assoc. prof. Margarita Stankova, MD, PhD
assoc. prof. Polina Mihova, PhD

Details of Session:

This session focuses on the application of smart education tools and strategies supporting the learning process of children with developmental disabilities. The access to ICT reduces to a great extent the negative effects from the geographical and social isolation. The concept of smart education should be integrated into the overall educational process, including lifelong learning. It should be applied with careful consideration of the needs of people with learning disabilities and cognitive needs of all ages.

Papers are expected to focus on information on the application of smart learning concept based on devices and intelligent technologies in all educational aspects of children with special educational needs in class, personalized education or specialized learning sessions included, as well as on the application of cognitive and psychological assessment techniques and interventions to support such learning.

The session will include, but will not be limited to:

- technology-enhanced/assisted learning for children with special educational needs;
- advantages of ICT and use of Internet/technology in the education process of children with special educational needs
- use of technologies in the assessment of cognitive needs;
- mobile devices and learning in special education;
- mobile apps and solutions as a practical instrument for developmental disorders treatment;
- personalized education and children with developmental disabilities.

We expect the presentations on the abovementioned topics to include their description, as well as evaluation of the effect, and professionals' and parents' feedback.

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