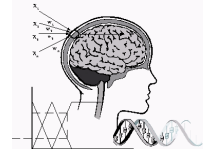




International

*Innovation in Knowledge Based and Intelligent
Engineering Systems*



KES-SEEL - 2020 7th International KES Conference on Smart Education and E-Learning

<http://seel-20.kesinternational.org>

Split, Croatia June 17-19, 2020

INVITED SESSION SUMMARY

**Title of Session: “Mathematical Models in Smart Education and E-Learning”
(MMSEEL)**

Name of Chair: Prof. Natalia A. Serdyukova, Plekhanov Russian University of Economics

Details of Session:

Nowdays together with the smart and e-learning processes, occurring in modern society, a process of mathematization of science is taking place. This position determines the choice of invited session scope.

The topics and problems include but are not limited to:

- Knowledge representation models in smart education and e-learning and their properties
- Sustainability assessment models in smart education and e-learning
- Models of assessment criteria effectiveness of feedback in smart education and e-learning
- Models for the development of smart learning and e-learning
- Models of economics of smart education and of economics of e-learning

All types of models based on strict mathematical background in all spheres of smart education and e-learning are welcome.

We welcome all kinds of papers discussing aforementioned topics and problems founded on wide scope of mathematical methods, among them methods of: discrete mathematics, algebra, geometry, mathematical logic, differential equations, probability theory, mathematical statistic, operations research, game theory, fuzzy set theory, network methods and models in mathematics.

Invited Session Chair: Natalia A. Serdyukova is a professor of Plekhanov Russian University of Economics, Honored Worker of the Higher School of Russian Federation; received Ph.D. in mathematics in 1986, Doctor of sciences degree in economics in 2002.

She has a number of publications in mathematics in abelian group theory, in finance and in the theory of e-learning and participated in many International conferences on Pure and Applied mathematics, Economics and Finance, Systems Theory, Theory of E-learning.

She is a member of Editorial Advisory Group of Cambridge Scholars Publishing (Computer Science books, Applied Mathematics).

Website URL (if any): <http://www.cambridgescholars.com/t/ComputerScienceAdvisory>

Email & Contact Details: nsns25@yandex.ru, Plekhanov Russian University of Economics, Stremyanny lane 36, Moscow, 117997, Russia