



Session 25

DISCUSSION GROUP AND SESSION ON APPLIED MATHEMATICS

Organiser: S. Bosiakov (Minsk, Belarus)

August 08 / 2013, Room Dan MB

12:10--12:20

Czesław Puchalski, Prorektor Rzeszów University, Opening the session

12:20--13:10

The key speaker Pierre M. Adler, Fractured porous media

13:10--14:30

Lunch break

14:30--14:45

Gregosz Ojczyk, HERZ, Research and Modeling of Boiler for Many Fuels Such as Biomass Materials

14:45--15:15

Andrzej Rybka, Aviation Valley. Cooperation of the Aviation Valley with Science

15:15--15:45

Maria Zybura-Skrabalak, IZTW

15:45--16:15

Coffee break

16:15--16:45

Key Speaker M. Zhuravkov, Fractional models for determination of physical and mechanical properties biological tissue

16:45--17:00

M. Zhuravkov, A. Krupoderov, O. Konovalov, Hvesenya S., 3D geomechanical model of rock mass in the region of tectonic breaches intersection

17:00--17:15

S. Bosiakov, A. Dosta, A. Vinokurova, Biomechanical effects of rapid maxillary expansion in cleft palate patients during Hyrax treatment

17:15--17:30

O. Zhdanov, V. Khanov, Choice (using by probabilistic inequalities) of the block diagram of reliability of an onboard complex of control of the small satellite



17:30--17:45

P. Kurtyka, N. Rylko, T. Tokarski, Analysis of changes in the size and distribution of the composite's reinforcing phase after plastic deformation

17:45--18:00

R. Chapla, W. Nawalaniec, V. Mityushev, Application of symbolic-numerical calculation to the determination of effective conductivity of random two-dimensional composites with non-overlapping circular inclusions

18:00--18:15

A. Kuznetsova, Conductivity of fibrous materials with perfect fillers and holes

18:15--18:30

Skalmierski

18:30--18:45

S. Turaev
