

International Conference “Mathematical Modeling and Computational Physics, 2017” (MMCP2017)

Monday, 3 July 2017

Mathematical methods for complex systems - 310 (13:30 - 15:00)

time	[id] title	presenter
13:30	[216] Interpolation environment of tensor mathematics at corpuscular stage of computational experiment in hydrodynamics	Prof. DEGTYAREV, Alexander
13:45	[13] Approximate formulae for evaluation of expectations of random functionals based on chaotic development with respect to multiple Ito integrals	Prof. EGOROV, Alexandr
14:00	[76] Nonlinear spinor field in non-diagonal Bianchi type space-time	Dr SAHA, Bijan
14:15	[89] Lattice study of effective gluon mass at various boundary conditions	Dr BOGOLUBSKY, Igor
14:30	[184] Quasicrossings of the energy terms in the two-Coulomb-centre problem	Prof. HNATIČ, Michal
14:45	[169] Finite size effects in the thermodynamics of a free neutral scalar field on the lattice and in the continuum	Dr PARVAN, Alexandru

Mathematical methods for complex systems: Mathematical methods for complex systems - 310 (15:30 - 17:00)

time	[id] title	presenter
15:30	[104] Anomalous Scaling in Compressible Kazantsev-Kraichnan Model with Spatial Parity Violation	Mr MENKYNA, Martin
15:45	[142] Percolation process in the Presence of Velocity Fluctuations: Two-loop Approximation	Ms BIRNSTEINOVA, Sarlota
16:00	[153] The Numerical Evaluation of Universal Quantities of Directed Bond Percolation: Three-loop Approximation	Mr MIZISIN, Lukas
16:15	[101] Renormdynamics (RD) and Generalized Analytic Functions (GAF)	Dr MAKHALDIANI, Nugzar
16:30	[207] ELASTIC FORM FACTORS FROM SEPARABLE KERNEL	Mr BEKZHANOV, Artem Dr BONDARENKO, Serge
16:45	[183] Turbulent mixing of a critical fluid: the exact renormalization	Prof. HNATIČ, Michal