

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

Tuesday, 4 July 2017

Physical processes modeling and related computational methods (II) - 406A (13:30 - 15:00)

time	[id] title	presenter
13:30	[193] A COMPUTATIONAL ALGORITHM FOR COVARIANT SERIES EXPANSIONS IN GENERAL RELATIVITY	TSIRULEV, Alexander
13:45	[198] MINIMUM PERIOD OF ROTATION OF MILLISECOND PULSARS AND EQUATIONS OF PULSAR MATTER STATE	Dr MIKHEEV, Sergey
14:00	[125] Optimal approximation of biquartic polynomials by bicubic splines	Dr TÖRÖK, Csaba
14:15	[102] Algorithm for the orthogonal fast discrete spherical Bessel transform on a uniform grid	Dr SEROV, Vladislav
14:30	[141] Ground state of the electron–hole liquid in quantum wells	Dr VASILCHENKO, Alexander
14:45	[147] Joint analytical and numerical investigation of blow-up in some mathematical models	Dr PANIN, Alexander

Physical processes modeling and related computational methods (II) - 406A (15:30 - 17:15)

time	[id] title	presenter
15:30	[148] The calculation of multicomponent mixture phase diagram, using the equations of state of the van der Waals type	Mr MOLCHANOV, Dmitry
15:45	[162] Asymptotics for penalized splines	Dr SCHETININ, Eugeny Mr LYUBIN, Pavel
16:00	[115] Variational solution of the Schrödinger equation in an inhomogeneous central field as applied to emission problems.	Mr TOLSTOV, Ilya
16:15	[209] FULLY DIFFERENTIAL CROSS SECTIONS FOR SINGLE IONIZING 1-MEV P+HE COLLISIONS AT SMALL MOMENTUM TRANSFER	Dr CHULUUNBAATAR, Ochbadrakh
16:30	[150] Modern approaches to synthesis, stability analysis and verification of nonlinear stochastic models of natural science	DRUZHININA, Olga
16:45	[182] Computational methods in relativistic atomic physics	Prof. SURZHYKOV, Andrey