

## 6<sup>th</sup> Symposium on Integrable Systems, Białystok

**Thursday, 27.06.2013, University Library, M.Skłodowskiej-Curie Street 14A, 6<sup>th</sup> floor**

Chairman: Michal Marvan

9.00- 9.45	A.M.Grundland, CRM Montreal, Canada	Soliton surfaces via zero-curvature representation of integrable systems,
9.45-10.15	R.Conte, ENS Cachan, France	Reduction of Gauss-Codazzi equations in three-dimensional Euclidean space to the sixth Painlevé equation,
10.15-10.45	A.Szereszewski, UW, Warszawa	Discretization of Projective-Minimal Surfaces,
10.45-11.15	<i>Coffee/Tea</i>	

Chairman: Anatoliy K. Prykarpatsky

11.15-11.45	A.Sakhnovich, Vienna, Austria	Generalized Darboux transformation: one and several variables,
11.45-12.15	E.Shemyakova, New York, USA	Factorization of Darboux transformations of arbitrary order for 2D Schrödinger operator,
12.15-12.45	I.Vereshchagina, Kaliningrad, Russia	Projecting operators method development: propagation of waves in inhomogeneous medium,
12.45-15.00	<i>Lunch break and free time</i>	

Chairman: Adam Doliwa

15.00-16.00	M.Błaszak, Z.Domański, UAM, Poznań	Invariant quantizations of classical mechanics,
16.00-16.30	P.Goldstein, NCBJ, Warszawa	Schrödinger equations with Tsallis entropy - not very new nonlinear equations,
16.30-17.00	<i>Coffee/Tea</i>	

Chairman: Andrzej J. Maciejewski

17.00-17.45	A.Prykarpatsky, Drohobych, Ukraine	The hidden symmetry analysis of Lax type integrable nonlinear dynamical systems within the Lie-algebraic, symplectic and differential-algebraic approaches,
17.45-18.15	M.Przybylska, UZ, Zielona Góra	Quantization conditions in the Bargmann representation,
18.15-18.45	T.Stachowiak, UZ, Zielona Góra	Stokes phenomenon and quantization,
20.00-22.30	<i>Conference diner (Hotel Podlasie)</i>	

**Friday, 28.06.2013, Hotel Podlasie, 42 Pułku Piechoty Street (buses 6,13,18 from the city center)**

Chairman: Robert Conte

9.00- 9.45	S.Rauch-Wojciechowski, Linköping, Sweden	Dynamics of inverting solutions of the tippe top,
9.45-10.15	W.Szumiński, UZ, Zielona Góra	Dynamics of multiple pendula without gravity,
10.15-10.45	M.Vereshchagin, Kaliningrad, Russia	Stability of relative equilibria in the unrestricted problem of a sphere and an axially symmetric body,
10.45-11.15	<i>Coffee/Tea</i>	

Chairman: Maciej Błaszak

11.15-11.45	A.Maciejewski, UZ, Zielona Góra	Necessary conditions for integrability of algebraic Hamiltonian systems,
11.45-12.15	B.Szablikowski, UAM, Poznań	Integrable quantum Stäckel systems,
12.15-12.45	A.Dobrogowska, UwB, Białystok	Integrable systems of Neumann type
13.00-14.00	<i>Conference lunch</i>	

Chairman: Alfred Michel Grundland

14.00-14.30	A.Doliwa, UWM, Olsztyn	Non-commutative discrete KP hierarchy and its non-isospectral reductions,
14.30-15.00	M.Marvan, Opava, Czech Republic	On symmetries of the Gibbons-Tsarev equation,
15.00-15.30	M.Nieszporski, UW, Warszawa	Reductions of DIS. Discrete Painleve equations and Painleve correspondences,
15.30-16.00	<i>Coffee/Tea</i>	

Chairman: Stefan Rauch-Wojciechowski

16.00-16.30	J.Cieśliński, UwB, Białystok	Improving the accuracy of discrete gradient schemes
16.30-17.00	M.Olejniczak, PP, Poznań	Numerical meshfree method for KdV equation,
17.00-17.30	M.Białecki, IGF, Warszawa	Random Domino Automaton and Combinatorial Explanation of the Shape of the Universal Curve of Earthquake Recurrence Time Distribution,
17.30-18.30	<i>Coffee/Tea</i>	