

Program

Conference "Russian-Chinese Conference on Integrable Systems and Geometry"

Monday, August 20	
09:00-10:00	<i>Registration.</i>
10:00-10:10	<i>Opening.</i>
10:10-11:05	<i>J. Zhou. Emergent Geometry of KP Hierarchy.</i>
<b>Coffee break (20 minutes)</b>	
11:25-12:20	<i>V. Matveev. NLS hierarchy, MRW solutions, <math>P_n</math> breathers and beyond.</i>
12:25-13:20	<i>L. Chekhov. Fenchel-Nielsen coordinates for surfaces with nontrivial boundaries.</i>
<b>Lunch (100 minutes)</b>	
15:00-15:55	<i>S. Slavyanov. Antiquantization of double confluent Heun equation and Teukholsky equation.</i>
16:00-16:55	<i>M. Sheftel. Lax pairs, recursion operators and new multiparameter bi-Hamiltonian systems in (3+1) dimensions.</i>
<b>Welcome Party (17:00)</b>	

Tuesday, August 21	
10:00-10:55	<i>D. Zuo. Frobenius manifolds and Frobenius algebra-valued integrable system.</i>
<b>Coffee break (20 minutes)</b>	
11:15-12:10	<i>A. Buriaik. Extended r-spin theory in all genera and the discrete KdV hierarchy.</i>
<b>Lunch (110 minutes)</b>	
14:00-14:55	<i>M. Pavlov. Widest class of solutions for the Gibbons-Tsarev system.</i>
<b>Coffee break (20 minutes)</b>	
15:15-16:10	<i>A. Smirnov. On a class of solutions of KP-I equation.</i>

Wednesday, August 22	
10:00-10:55	<i>R. Lin. Soliton hierarchy with self-consistent sources: inverse scattering method and Darboux transformation.</i>
<b>Coffee break (20 minutes)</b>	
11:15-12:10	<i>D. Korotkin. Hodge and Prym tau functions, Jenkins-Strebel differentials and combinatorial model of <math>M_{g,n}</math>.</i>
12:15-13:10	<i>V. Korepin. Six-vertex model: history and open problems.</i>
<b>Lunch (140 minutes)</b>	
<b>Cultural program (15:30)</b>	
<b>Conference Dinner (19:00)</b>	

Thursday, August 23	
10:00-10:55	<i>S. Lando. Integrability properties of graph invariants.</i>
<b>Coffee break (20 minutes)</b>	
11:15-12:10	<i>E. Korotyaev. Inverse problem for rotationally symmetric manifolds.</i>
<b>Lunch (110 minutes)</b>	
14:00-14:55	<i>I. Habibullin. On the recursion operators for integrable equations.</i>
<b>Coffee break (20 minutes)</b>	
15:15-16:10	<i>R. Garifullin. Classification of five-point differential-difference equations.</i>

Friday, August 24	
10:00-10:55	<i>A. Bobenko. Discrete confocal quadrics and IC-nets.</i>
<b>Coffee break (20 minutes)</b>	
11:15-12:10	<i>A. Zhelglov. Normal forms of spectral surfaces of commuting partial differential operators.</i>
12:15-13:10	<i>S. Agapov. On integrability of magnetic geodesic flows on 2-torus on all energy levels.</i>