

Conference Programme

Monday, August 15

9:00 – 9:30 Registration

9:30 – 10:00 OPENING

Morning Session

10:00 – 10:50 **Armen Sergeev**
Quantum Calculus and Quasiconformal Maps

10:50 – 11:20 *COFFEE BREAK*

11:20 – 12:10 **Vladimir Georgiev**
Scattering of Small Solutions of the Cubic NLS with Short Range Potential

12:20 – 13:10 **Georgi Popov**
K.A.M. Tori Isospectral Deformations and Spectral Rigidity

13:10 – 15:00 *LUNCH*

Afternoon Session

15:00 – 15:50 **Dimitar Grantcharov**
Weight Modules of Algebras of Differential Operators

16:00 – 16:50 **Tedi Draghici**
Critical almost Kähler metrics

19:00 *OFFICIAL DINNER*

Tuesday, August 16

Morning Session

9:30 – 10:20 **Tony Pantev**
Algebraic Models for L_2 Cohomology

10:20 – 10:40 *COFFEE BREAK*

10:40 – 11:30 **Ludmil Katzarkov**
Categories and Filtrations

11:40 – 12:30 **Antoni Rangachev**
Local Volumes and Deformations

12:30 – 14:30 *LUNCH*

Afternoon Session

14:30 – 15:20 **Yasuo Matsushita**
A Survey on Indefinite Metric Spaces from a Personal Point of View

15:30 – 16:20 **Vasil Tsanov**
Variations on Two Themes of Hamilton

16:20 – 16:40 *COFFEE BREAK*

16:40 – 17:30 **Georgi Ganchev**
*Canonical Weierstrass Representations for Minimal Surfaces in
Four-dimensional Pseudo-Euclidean Spaces*

Wednesday, August 17

Morning Session

9:30 – 10:20 **Simon Salamon**
Configurations of Points in Complex Projective Space

10:20 – 10:40 *COFFEE BREAK*

10:40 – 11:30 **David Calderbank**
Integrable Background Geometries - Review and Outlook

11:40 – 12:30 **Stefan Ivanov**
Solution of the qc Yamabe Equation on a 3-Sasakian Manifold and Extremals of the Sobolev-Folland-Stein Inequality on the Quaternionic Heisenberg Groups

12:30 – 14:30 *LUNCH*

Afternoon Session

14:30 – 15:20 **Petar Topalov**
Spatial Asymptotic Expansions in the Euler Equation

15:30 – 16:20 **Massimiliano Pontecorvo**
Bi-Hermitian Kato surfaces

16:20 *CLOSING COCKTAIL*