Schedule of Summer School
Various aspects of mathematical physics, 8-11 August 2016

Monday, 8 August

8:30-9:30 Registration

9:30-11:00 Vladimir Peller,   Functions of operators and their perturbations

COFFEE BREAK

11:25-12:55 Sergei Kuksin, The long-time behavior of small-amplitude solutions for multidimensional hamiltonian PDEs under periodic boundary conditions

LUNCH

14:30-16:00 Stanislav Smirnov, Conformal inariance in statistical mechanics

COFFEE BREAK

16:30-18:00 Gunter Stolz, An introduction to the mathematics of the XY spin chain

WELLCOME

Tuesday, 9 August

9:30-11:00 Vyacheslav Yurko, Inverse spectral problems for differential operators

COFFEE BREAK

11:25-12:55 Evgeny Korotyaev,   Resonances and entire functions
13:05-14:35 Anton Baranov, Spectral synthesis for operators and systems

LUNCH

BUS EXCURSION 16:00-19:00

Wednesday, 10 August

9:30-11:00 Jacob Moller,   Local Spectral Deformation

COFFEE BREAK

11:25-12:55 Andrei Mironov,   The Baker-Akhiezer function and the Korteweg - de Vries equation

<div align="center">LUNCH</div>

14:30-16:00 Erik Skibsted,   Stationary scattering theory on manifolds

<div align="center">COFFEE BREAK</div>

16:30-18:00 Vitaly Tarasov,   Quantum integrable models: Heisenberg spin chain and around

<div align="center">**Thursday, 11 August**</div>

9:30-11:00 Iskander Taimanov, The Darboux-Moutard transformations

<div align="center">COFFEE BREAK</div>

11:25-12:55 Tanya Suslina, Spectral Approach to Homogenization of Periodic Differential Operators

<div align="center">LUNCH</div>

14:30-16:00 Alexander Kiselev,   Regularity and blow up in ideal fluid

<div align="center">COFFEE BREAK</div>

16:30-18:00 Mark Malamud,   Schrodinger and Dirac operators with δ-interactions