

## STA 2015, Tuesday, May 26th

8:00 - 8:30	<b>REGISTRATION</b>	
8:30 - 9:00	<b>OPENING CEREMONY</b>	
	<b>PLENARY SESSION (Room 1.8)</b>	
9:00 - 9:40	<b>Dimitri Yafaev</b> , <i>Spectral and scattering theory for differential and Hankel operators</i>	
9:50 - 10:30	<b>Mircea Martin</b> , <i>Seminormal systems of operators – concepts and themes</i>	
10:40 - 11:30	COFFEE BREAK	
11:30 - 12:10	<b>Martin Mathieu</b> , <i>Status report on spectrally bounded and spectrally isometric operators</i>	
12:20 - 13:00	<b>Evgeny Korotyaev</b> , <i>Schrödinger operators on the cubic lattice</i>	
13:30 - 14:30	LUNCH, “Krakus” Restaurant	
15:00 - 15:30	<b>Aurelian Gheondea</b> , <i>An interpolation problem for completely positive maps on matrices</i>	
15:40 - 16:10	<b>Seppo Hassi</b> , <i>Generalized boundary triplets and generalized boundary pairs of nonnegative operators</i>	
	<b>PARALLEL SESSIONS</b>	
	<b>SESSION A (Room 1.8)</b>	<b>SESSION B (Room 1.9)</b>
16:20 - 16:50	<b>Sergii Kužel</b> , <i>On definition of S-matrix for some classes of non-self-adjoint Schrödinger operators</i>	<b>Marcin Moszyński</b> , <i>Special subsets of the point spectrum, non-SVEP and CHAOS</i>
17:00 - 17:20	<b>Marcus Holzmann</b> , <i>Approximation of Schrödinger operators with <math>\delta</math>-interactions supported on hypersurfaces</i>	<b>Marcin Zygmunt</b> , <i>On nonsymmetric Jacobi-type block matrices</i>
17:30 - 17:50	<b>Muhammad Usman</b> , <i>On vertex conditions for elastic systems</i>	<b>Maria Malejki</b> , <i>Discrete spectrum for unbounded non-symmetric tridiagonal-operators</i>
18:00 - 18:20	<b>Paweł Pietrzycki</b> , <i>Quasinormal and composition operators in <math>L^2</math>-spaces</i>	<b>Ewelina Zalot</b> , <i>Spectral representation for a class of banded Jacobi-type matrices</i>

## STA 2015, Wednesday, May 27th

	<b>PLENARY SESSION (Room 1.8)</b>
8:10 - 8:50	<b>Jussi Behrndt</b> , <i>Selfadjoint realizations of the Laplacian on bounded Lipschitz domains</i>
9:00 - 9:40	<b>Grigori Rozenblum</b> , <i>Toeplitz operators in Bergman type spaces and related problems in analysis</i>
9:50 - 10:30	<b>Marco Marletta</b> , <i>The finite section method for dissipative Jacobi matrices and Schrödinger operators</i>
10:40 - 11:30	COFFEE BREAK
11:30 - 12:10	<b>Jan Stochel</b> , <i>Composition operators on Hilbert spaces of entire functions with analytic symbols</i>
12:20 - 13:00	<b>Lech Zieliński</b> , <i>Application of an inverse scattering method to the short-wave limit of the Camassa-Holm equation</i>
13:30 - 14:30	LUNCH, "Krakus" Restaurant
15:00	TRANSFER TO THE WIELICZKA SALT MINE
17:00	EXCURSION TO THE WIELICZKA SALT MINE

## STA 2015, Thursday, May 28th

	<b>PLENARY SESSION (Room 1.8)</b>	
8:10 - 8:50	<b>Carsten Trunk</b> , <i>J</i> -non-negative operators and applications	
9:00 - 9:40	<b>Vadym Adamyan</b> , <i>J</i> -non-negative singular perturbations of selfadjoint operators	
9:50 - 10:30	<b>Sergey Naboko</b> , <i>On the point spectrum of linear Hermitean pencils</i>	
10:40 - 11:30	COFFEE BREAK	
11:30 - 12:10	<b>Hagen Neidhardt</b> , <i>Trace formulas and non-additive perturbations</i>	
12:20 - 13:00	<b>Gerald Teschl</b> , <i>Zero energy scattering for one-dimensional Schrödinger operators and applications to dispersive estimates</i>	
13:30 - 14:30	LUNCH, “Krakus” Restaurant	
	<b>PLENARY SESSION (Room 1.8)</b>	
15:00 - 15:30	<b>Rostyslav Hryniv</b> , <i>Inverse scattering for singular Schrödinger operators</i>	
15:40 - 16:10	<b>Leonid Nizhnik</b> , <i>Direct and inverse spectral problems for Schrödinger operators with nonlocal potentials</i>	
16:20 - 16:50	<b>Jaroslav Zemánek</b> , <i>Cayley transforms of the Volterra operator</i>	
	<b>PARALLEL SESSIONS</b>	
	<b>SESSION A (Room 1.8)</b>	<b>SESSION B (Room 1.9)</b>
17:00 - 17:20	<b>Yaroslav Mykytyuk</b> , <i>Schrödinger operators with reflectionless potentials</i>	<b>Kamila Kliš-Garlicka</b> , <i>Hyperreflexivity of bilattices</i>
17:30 - 17:50	<b>Monika Homa</b> , <i>Oscillation and comparison properties of singular quantum trees</i>	<b>Adam Wegert</b> , <i>The concept of uniformity in <math>C^*</math>-algebras</i>
19:00	CONFERENCE DINNER, “Krakus” Restaurant	

## STA 2015, Friday, May 29th

PLENARY SESSION (Room 1.8)		
8:10 - 8:50	<b>Piotr Niemiec</b> , <i>Functional calculus in finite type I von Neumann algebras</i>	
9:00 - 9:40	<b>Marek Ptak</b> , <i>On the hyperreflexivity of subspaces of Toeplitz operators on regions in the complex plane</i>	
9:50 - 10:30	<b>Alexander Gomilko</b> , <i>On discrete subordination of power bounded and Ritt operators</i>	
10:40 - 11:30	COFFEE BREAK	
11:30 - 12:10	<b>Jaouad Sahbani</b> , <i>Spectral theory of a class of block Jacobi matrices and applications</i>	
12:20 - 13:00	<b>Karakhan Mirzoev</b> , <i>About deficiency index of the vector Sturm-Liouville operator</i>	
13:30 - 14:30	LUNCH, "Krakus" Restaurant	
PLENARY SESSION (Room 1.8)		
15:00 - 15:30	<b>Miroslav Znojil</b> , <i>Quantum systems in non-Hermitian representations</i>	
15:40 - 16:10	<b>Pavel Šťovíček</b> , <i>A family of explicitly diagonalizable weighted Hankel matrices generalizing the Hilbert matrix</i>	
PARALLEL SESSIONS		
	SESSION A (Room 1.8)	SESSION B (Room 1.9)
16:20 - 16:50	<b>Dariusz Cichoń</b> , <i>Riesz-Haviland criterion revisited</i>	<b>Marek Kosiek</b> , <i>Wold-type extension of the commutant</i>
17:00 - 17:30	<b>Irina Braeutigam</b> , <i>Differential operators with interior singularities on the real line</i>	<b>Zbigniew Burdak</b> , <i>Decompositions of Szegő-type for isometries</i>
17:40 - 18:00	<b>Michał Nowak</b> , <i>Approximation methods for a class of perturbed paired convolution equations</i>	<b>Artur Płaneta</b> , <i>Unbounded composition operators via inductive limits</i>
19:00	CONCERT, "Krakus" Restaurant	

## STA 2015, Saturday, May 30th

	<b>PLENARY SESSION (Room 1.8)</b>
8:10 - 8:50	<b>Piotr Grabowski</b> , <i>LQ/KYP-problem for infinite-dimensional systems</i>
9:00 - 9:30	<b>Aleksey Kostenko</b> , <i>Spectral asymptotics for <math>2 \times 2</math> canonical systems</i>
9:40 - 10:10	<b>Michał Wojtylak</b> , <i>On deformations of classical Jacobi matrices</i>
10:20 - 11:00	<b>COFFEE BREAK</b>
11:00 - 11:30	<b>Zenon Jabłoński</b> , <i>Subnormal weighted shifts on directed trees whose <math>n</math>th powers have trivial domain</i>
11:40 - 12:10	<b>Vladimir Lotoreichik</b> , <i>Spectral asymptotics of Schrödinger operators with singular interactions on hypersurfaces</i>
12:20 - 12:50	<b>Piotr Budzyński</b> , <i>Unbounded quasinormal composition operators in <math>L^2</math>-spaces</i>
13:00	<b>CLOSING CEREMONY</b>
13:30 - 14:30	<b>LUNCH</b> , “Krakus” Restaurant

The conference will be held on the ground floor of the building B7 on 70 Czarnowiejska Str. (Faculty of Applied Mathematics, AGH University of Science and Technology).