

ALPAY FEST

INTERNATIONAL CONFERENCE ON COMPLEX ANALYSIS AND OPERATOR THEORY  
CELEBRATING DANIEL ALPAY'S 60<sup>TH</sup> BIRTHDAY

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FRIDAY, NOVEMBER 4, 2016

9:30 a.m.	Opening Remarks	
9:50 a.m.	Laudatio	Turgay Kaptanoglu
10:15 a.m.	<i>The geometry of finite unions of segments</i>	Ahmed Sebbar
11:00 a.m.	Break	
11:20 a.m.	<i>Generalized Q-functions and Dirichlet-to-Neumann maps for elliptic differential operators</i>	Jussi Behrndt
12:05 p.m.	Lunch	
2:00 p.m.	<i>Polynomial interpolation: discrete analytic case</i>	Dan Voloč
2:45 p.m.	<i>Minimal polynomials of quaternion matrices and Lagrange-Hermite type interpolation problems</i>	Vladimir Bolotnikov
3:30 p.m.	Break	
3:50 p.m.	<i>Harmonic Maps, Riemann-Hilbert Problems and Virasoro Actions</i>	Mihaela Vajiac
4:35 p.m.	End of Day	

SATURDAY, NOVEMBER 5, 2016

9:30 a.m.	<i>Developments in publishing</i>	Thomas Hempfling
10:15 a.m.	<i>On white noise stochastic analysis</i>	David Levanony
11:00 a.m.	Break	
11:20 a.m.	<i>Spectral theory for quaternionic operators</i>	Fabrizio Colombo
12:05 p.m.	Lunch	
2:00 p.m.	<i>Scale shift for discrete-time signals and systems</i>	Mamadou Mboup

2:45 p.m.	<i>Infinite networks and variation of conductance functions in discrete Laplacians</i>	Palle Jorgensen
3:30 p.m.	Break	
3:50 p.m.	<i>Algebraic Analysis of Abelian Instantons and Singularities of Yang-Mills Equations</i>	Adrian Vajiac
4:35 p.m.	End of Day	

### SUNDAY, NOVEMBER 6, 2016

9:30 a.m.	<i>Singular integral operators induced by Bergman-Besov kernels on weighted Lebesgue classes on the ball</i>	Turgay Kaptanoglu
10:15 a.m.	<i>Averaging integral kernels in complex geometry (from archimedean towards non-archimedean case)</i>	Alain Yger
11:00 a.m.	Break	
11:15 a.m.	<i>Two functional calculi based on slice hyperholomorphicity</i>	Jonathan Gantner
11:45 a.m.	<i>de Branges spaces on compact Riemann surfaces and a Beurling-Lax type theorem</i>	Ariel Pinhas
12:15 p.m.	Lunch	
2:00 p.m.	<i>Noncommutative functions and low dimensional algebras</i>	Bill Helton
2:45 p.m.	<i>Has de Branges proved the Riemann Hypothesis?</i>	Eric Kvaalen
3:30 p.m.	Break	
3:50 p.m.	<i>Hilbert formulas for the Cauchy-Cimmino singular integrals</i>	Baruch Schneider
5:00 p.m.	Conference Dinner	

### MONDAY, NOVEMBER 7, 2016

9:30 a.m.	<i>An introduction to the Aharonov-Berry superoscillations</i>	Daniele Struppa
10:15 a.m.	<i>Convex invertible cones in dissipative linear system theory, or my lesson from R-L-C circuits</i>	Izchak Lewkowicz
11:00 a.m.	Break	
11:20 a.m.	<i>Toward an extension of Schur analysis to the slice hyperholomorphic setting</i>	Irene Sabadini
12:05 p.m.	Lunch	
2:00 p.m.	End of Conference	