

Mathematical Analysis in Athens

A conference to honor Aristides Katavolos and Vassili Nestoridis

Friday, December 15, 2017

09:15-09:30	CC	<i>Welcome</i>	
09:30-10:20	CC	Stephen Power: <i>Semigroup Operator Algebras: An Anglo Greek View</i>	
10:30-11:00		<i>Coffee</i>	
11:00-11:50	CC	Stephen Gardiner: <i>Taylor series, universality and potential theory</i>	
12:00-12:50	CC	Nicholas Alikakos: <i>On the Structure of Phase Transition Maps</i>	
13:00-15:00		<i>Lunch</i>	
15:00-15:50	CC	Paul Gauthier: <i>Approximation by Random Complex Polynomials and Rational functions</i>	
16:00-16:35	23	24	Nikos Stylianopoulos: <i>Since Approximation Theory is already there... Bring Potential Theory to Operator Theory!</i>
			Evgeny Abakumov: <i>Proper holomorphic embeddings, radial approximation, and tropical power series</i>
		<i>Coffee</i>	
17:00-17:35	23	24	Nickos Papadatos: <i>On the completeness of classical orthogonal polynomials</i>
			Konstantinos Makridis: <i>Nowhere differentiable complex functions</i>
17:50-18:25	23	24	Alexandros Eskenazis: <i>Non-positive curvature is not coarsely universal</i>
			Nikos Tsirivas: <i>Determination of a universal Taylor series</i>
18:40-19:15	23	24	Michail Gerapetritis: <i>The Mirror Symmetry conjectures</i>
			Emmanouil Katsoprinakis: <i>Counterexamples to a question of S. K. Pichorides</i>

CC: Amphitheatre Constantine Caratheodory, **23**: Amphitheatre 23, **24**: Amphitheatre 24.

Saturday, December 16, 2017

09:30-10:20	CC		Anthony Carbery: <i>Joints and multijoints</i>	
10:30-11:00			<i>Coffee</i>	
11:00-11:50	CC		Nikos Frantzikinakis: <i>An ergodic approach to the Chowla and the Sarnak conjecture</i>	
12:00-12:50	CC		Athanase Papadopoulos: <i>On some theorems on spherical geometry from Menelaus' Spherics</i>	
13:00-15:00			<i>Lunch</i>	
15:00-15:50	CC		Mihalis Kolountzakis: <i>Steinhaus sets: a geometric question's approach via Harmonic Analysis</i>	
16:00-16:35	23	24	Maria Fragoulopoulou: <i>Bounded and unbounded generalizations of C^*-algebras</i>	Edward Saff: <i>The Chebyshev Problem for Riesz Potentials</i>
			<i>Coffee</i>	
17:00-17:35	23	24	George Eleftherakis: <i>Morita embeddings for dual operator algebras</i>	Aristomenis Siskakis: <i>Spaces of Dirichlet series and multiplicative Hankel forms</i>
17:50-18:25	23	24	Yiorgos Smyrlis: <i>Optimal analyticity estimates for non-linear dispersive-dissipative systems</i>	Vagia Vlachou: <i>20 years of Universal Taylor Series</i>
18:40-19:30	CC		Elias Katsoulis: <i>All semicrossed products of operator algebras are stably isomorphic to crossed products</i>	

20:30 – Conference Dinner at Xatheri

Monday, December 18, 2017

09:30-10:20	CC		Alexander Helemskii: <i>Projectivity, freeness and tensor products in matricially normed spaces</i>	
10:30-11:00			<i>Coffee</i>	
11:00-11:50	CC		John Pardon: <i>Wrapped Floer theory on Liouville sectors</i>	
12:00-12:50	CC		Damien Gaboriau: <i>On Approximability in Orbit Equivalence and Applications to Bernoulli Percolation</i>	
13:00-15:00			<i>Lunch</i>	
15:00-15:50	CC		Stephane Charpentier: <i>Hypercyclic sets</i>	
16:00-16:35	23	24	Evgenios Kakariadis: <i>Amalgamated free products of operator algebras</i>	Theodosios Douvropoulos: <i>Perhaps the best way to count: Using complex analytic geometry and Riemann's existence theorem</i>
			<i>Coffee</i>	
17:00-17:35	23	24	Adam Dor-On: <i>Operator algebras for higher rank structures and applications to factorial languages</i>	Myrto Manolaki: <i>Overconvergence and universality of Dirichlet series</i>
17:50-18:25	23	24	Eleftherios Kastis: <i>The norm closed triple semigroup algebra</i>	Evita Nestoridi: <i>Optimal strong stationary times for random walks on the chambers of a hyperplane arrangement</i>
18:40-19:30	CC		Yiannis Petridis: <i>Functional analytic methods for counting problems in number theory and geometry</i>	

Tuesday, December 19, 2017

09:30-10:20	CC	Manuel Maestre: <i>Some properties of the algebra of the ball</i>	
10:30-11:00		<i>Coffee</i>	
11:00-11:50	CC	Lyudmyla Turowska: <i>Compact operator synthesis and reduced spectral synthesis in harmonic analysis</i>	
12:00-12:50	CC	Marina Iliopoulou: <i>Sharp estimates for Hormander-type operators with positive-definite phase</i>	
13:00-15:00		<i>Lunch</i>	
15:00-15:35	23	24	Samis Trevezas: <i>Asymptotic calculus with a functional analytic approach for estimation in Markov type models</i> Loukas Grafakos: <i>A sharp version of the Hormander multiplier theorem</i>
15:50-16:25	23	24	Ilias Zadik: <i>The Representability question in Mixed Integer Convex Programming</i> Christoforos Panagiotis: <i>Percolation and Complex Analysis</i>
16:40-17:15	23	24	Georgios Sakellaris: <i>Green's function for second order elliptic equations with singular lower order coefficients</i> Grigoris Fournodavlos: <i>Singularity formation in black hole interiors</i>
		<i>Coffee</i>	
17:40-18:30	CC	Stylianios Negrepontis: <i>The deductive power of Mathematics derives from its paradoxical nature</i>	