

# Abstract Harmonic Analysis 2015

## Schedule

All talks take place in Room 1016, Kenneth C. Rowe Management Building

Monday, August 17:

Time	Speaker	Title
9:00-9:40	Tony Lau	<i>Characterizations of the Fourier algebra in a class of Banach algebras</i>
9:50-10:30	Monica Ilie	<i><math>p</math>-completely contractive algebra homomorphisms of <math>A_p(G)</math></i>
10:30-11:00	Refreshments	
11:00-11:40	Matthew Wiersma	<i><math>L^p</math>-Fourier and Fourier-Stieltjes algebras</i>
11:50-12:30	Nico Spronk	<i>Weak amenability of Fourier algebras</i>
12:30-2:00	Lunch	
2:00-2:40	Ebrahim Samei	<i>Reflexivity and hyperreflexivity of bounded <math>n</math>-cocycle spaces and application to convolution operators</i>
2:50-3:30	Safoura Jafar-Zadeh	<i>Bipositive isomorphisms between Beurling algebras and between their second dual algebras</i>
3:30-4:00	Refreshments	
4:00-4:40	Oluwatosin Mewomo	<i>On character amenability of Beurling and second dual algebras</i>
4:50-5:30	Baris Ugurcan	<i>Harmonic analysis of discrete Laplacians: Whitney extension on fractals and sandpile models</i>

Tuesday, August 18:

Time	Speaker	Title
9:00-9:40	Kathryn Hare	<i>Sidon and other interpolation sets</i>
9:50-10:30	Ying-Fen Lin	<i>Positive extensions of Schur multipliers and positive definite functions</i>
10:30-11:00	Refreshments	
11:00-11:40	Gerhard Racher	<i>Absolutely summing multipliers on <math>L^\infty(G)</math></i>
11:50-12:30	Lyudmyla Turowska	<i>Herz-Schur multipliers of dynamical systems</i>
12:30-2:00	Lunch	
2:00-2:40	Rupert Lasser	<i>Character spaces of commutative hypergroups</i>
2:50-3:30	Gero Fendler	<i>Convolution Dominated Operators. Discrete groups versus continuous</i>
3:30-4:00	Refreshments	
4:00-4:40	Mehdi Monfared	<i>Relative boundaries for normed spaces</i>
4:50-5:30	Ali Baklouti	<i>On the <math>L^p</math>-Fourier transform norm for certain Lie groups</i>

Wednesday, August 19:

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:00-9:40	Eberhard Kaniuth	<i>The Rajchman Algebra <math>B_0(G)</math> of a locally compact group <math>G</math></i>
9:50-10:30	Mahmood Alaghmandan	<i>Amenability properties of central Fourier algebras of locally compact groups</i>
10:30-11:00	Refreshments	
11:00-11:40	Hung Le Pham	<i>Subalgebras of the Fourier-Stieltjes algebra</i>
11:50-12:30	Armando Villena	<i>Orthogonally additive holomorphic functions on Fourier algebras</i>
12:30-2:00	Lunch	

Thursday, August 20:

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:00-9:40	Jean Ludwig	<i>The <math>C^*</math>-algebra of a nilpotent Lie group</i>
9:50-10:30	Jared White	<i>Maximal ideals in group algebras</i>
10:30-11:00	Refreshments	
11:00-11:40	Michael Leinert	<i>Some spectral subalgebras of noncommutative tori</i>
11:50-12:30	Jerónimo Alaminos-Prats	<i>Orthogonality on some Banach Algebras associated to a locally compact group</i>
12:30-2:00	Lunch	
2:00-2:40	Chi-Wai Leung	<i>The Berkovich spectrum of a completely continuous operator on a non-Archimedean Banach space</i>
2:50-3:30	Adam Skalski	<i>Open and closed quantum subgroups of quantum groups</i>
3:30-4:00	Refreshments	
4:00-4:40	Mahmoud Filali	<i>Algebraic structure of semigroup compactifications: Pym's and Veech's theorems</i>
4:50-5:30	Abdelrhman Elkasapy	<i>Surjectivity of word maps on <math>SU(n)</math></i>

Friday, August 21:

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:00-9:40	Antoine Derighetti	<i>The extension property concerning the algebra <math>A_p</math> for general amenable subgroups</i>
9:50-10:30	Hun Hee Lee	<i>Spectra of weighted Fourier algebras on non-compact Lie groups: the case of the Heisenberg group</i>
10:30-11:00	Refreshments	
11:00-11:40	Ivan Todorov	<i>Ideals of the Fourier algebra, supports and harmonic operators</i>
11:50-12:30	Yemon Choi	<i>The <math>cb</math>-version of the AMNM property for Fourier algebras</i>
12:30-2:00	Lunch	