

## SUNDAY MARCH 13

- 8:00–9:00 Registration ..... CMC 141, Lobby
- 9:00- 9:55 V. TOTIK ..... CMC 141  
*Convexity of harmonic measures*
- 9:55–10:20 Coffee Break ..... CMC 141, Lobby
- 10:20–10:50 T. ALBERTS ..... CMC 141  
*Random geometry in the spectral measure of the circular beta ensemble*

| Room: CMC 141                                                                                                           | Room: CMC 130                                                                                                 |
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| 11:00 - 11:20 - S. RICHTER<br><i>Functions as quotients of multipliers</i>                                              | 11:00 - 11:20 - P. LE<br><i>BMO solvability and absolute continuity of harmonic measure</i>                   |
| 11:30 - 11:50 - C. LIAW<br><i>Optimal approximants for the cyclicity problem in Dirichlet type spaces</i>               | 11:30 - 11:50 - B. RUSSO<br><i>Multivariate Lifting Theorems with an Application</i>                          |
| 12:00 - 12:20 - A. SOLA<br><i>Cyclic polynomials in anisotropic Dirichlet spaces</i>                                    | 12:00 - 12:20 - B. BIN DEHAISH<br><i>An approximation of monotone Lipchitzian mappings on Banach Spaces</i>   |
| 12:30 -12:50 - J. SUNKES<br><i>Hankel operators, invariant subspaces, and cyclic vectors in the Drury-Arveson space</i> | 12:30 -12:50 - I. KUNWAR<br><i>Multilinear dyadic operators and their commutators in the weighted setting</i> |

- 12:50–2:20 Luncheon ..... CMC 141, Lobby
- 2:20–3:10 S. J. GARDINER ..... CMC 141  
*Universal series and potential theory*
- 3:20–3:50 S. NITZAN ..... CMC 141  
*Exponential systems over sets with finite measure*
- 3:50– 4:10 Coffee Break ..... CMC 141, Lobby

| Room: CMC 141                                                                                               | Room: CMC 130                                                                                        |
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| 4:10 - 4:40 - P. MCGUIRE<br><i>A class of hyponormal operators</i>                                          | 4:10 - 4:40 - L. BARATCHART<br><i>On unique continuation of solutions to elliptic equations</i>      |
| 4:50 - 5:10 - T. LE<br><i>Hilbert-Schmidt Hankel operators with conjugate holomorphic symbols</i>           | 4:50 - 5:10 - A. GRINSHPAN<br><i>Contractive determinantal representations of stable polynomials</i> |
| 5:20 - 5:40 - Z. CUCKOVIC<br><i>Mapping properties of weighted Bergman projections on Reinhardt domains</i> | 5:20 - 5:40 - B. SIMANEK<br><i>Relative ratio asymptotics for general orthogonal polynomials</i>     |
| 5:50 - 6:10 - R. ZHAO<br><i>Weighted BMO and Hankel operators between Bergman spaces</i>                    | <b>CANCELED</b>                                                                                      |
| 6:10 - 6:30 - G. PRAJITURA<br><i>Rhaly operators</i>                                                        | 6:10 - 6:30 - T. RICHARDS<br><i>Conformal modelling by polynomials</i>                               |

- 7:00–9:00 BANQUET ..... *Interdisciplinary Sciences Building (ISA), 7th Floor*

**MONDAY MARCH 14**

9:00–9:50 D. LUBINSKY ..... CMC 141  
*Quirky quadratures*

9:50–10:30 Coffee Break ..... CMC 141, Lobby

| Room: CMC 141                                                                                                          | Room: CMC 130                                                                                                             |
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| 10:30 - 10:50 - B. HU<br><i>Composition operators on <math>N_p</math> space in the unit ball</i>                       | 10:30 - 10:50 - E. LUNDBERG<br><i>On the geometry of random lemniscates</i>                                               |
| 11:00 - 11:20 - A. RAMIREZ FLORES<br><i>Density condition for sampling and interpolation in a framed Hilbert space</i> | 11:00 - 11:20 - K. RAMACHANDRAN<br><i>Electrostatic skeletons</i>                                                         |
| <b>CANCELED</b>                                                                                                        | 11:30 - 11:50 - M. FLEEMAN<br><i>Approximating <math>\bar{z}</math> in the Bergman space and Bergman analytic content</i> |
| 12:00 - 12:20 - STOKOLOS<br><i>On chaos stabilization in nonlinear autonomous discrete dynamical systems</i>           | 12:00 - 12:20 - A. LEGG<br><i>The Bergman projection and polynomials on ellipsoids</i>                                    |

12:20–2:00 Luncheon ..... CMC 141, Lobby

2:00–2:50 P. GAUTHIER ..... CMC 141  
*Zero(pole)-free approximation and the Riemann hypothesis*

3:00–3:30 J. PASCOE ..... CMC 141  
*Matrix monotonicity in one and several variables*

3:30–3:45 Coffee Break ..... CMC 141, Lobby

| Room: CMC 141                                                                                                     | Room: CMC 130                                                                                                            |
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| 3:45 - 4:05 - N. FELDMAN<br><i>Invariant convex sets for linear operators</i>                                     | 3:45 - 4:05 - A. GRINSHPAN<br><i>A multiple convolution inequality</i>                                                   |
| 4:15 - 4:35 - W. LIU<br><i>Commutative and noncommutative Beurling theorems</i>                                   | 4:15 - 4:35 - S. ARORA<br><i>Applications of hypergeometric techniques to analysis of singular perturbation problems</i> |
| 4:45 - 5:05 - A. ABDOU<br><i>Common fixed point theorems for hybrid contractive pairs with the (CLR)-property</i> | 4:45 - 5:05 - M. DALLA RIVA<br><i>A mixed problem in a domain with moderately close holes</i>                            |
| 5:15 - 5:35 - D. BANJADE<br><i>Estimates for the Corona theorem on <math>H_1^\infty(\mathbb{D})</math></i>        | 5:15 - 5:35 - S. AYDOGAN<br><i>New distortion theorems for Sakaguchi functions</i>                                       |
| 5:45 - 6:05 - S. BALLAMOOLE<br><i>Integral operators on the Zygmund spaces on the unit disk</i>                   | 5:45 - 6:05 - J. BURNS<br><i>Hypergeometric regression for probability distributions through moment ratios</i>           |

**TUESDAY MARCH 15**

8:30–9:20 G. KNESE ..... CMC 141  
*Stable polynomials and boundary zeros*

9:20–9:45 Coffee Break ..... CMC 141, Lobby

9:45–10:35 E. RAKHMANOV ..... CMC 141  
*Characterization of Stahl compacta and a conjecture on the asymptotics of Hermite-Padé polynomials*

| Room: CMC 141                                                                                                | Room: CMC 130                                                                                | Room: CMC 118                                                                                                                             |
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| 10:45 - 11:05- B. PASSER<br><i>C*-algebras with saturated actions</i>                                        | 10:45 - 11:05- L. ZHOU<br><i>Composition operators on harmonic function spaces</i>           | 10:45 - 11:05- W. CHENG<br><i>The <math>L^2</math> isometry of a generalized Ahlfors-Buierling transform on the <math>n</math>-sphere</i> |
| 11:15 - 11:35 - E. TCHOUNDJA<br><i>Atomic decomposition and weak factorization for Beryman-Orlicz spaces</i> | 11:15 - 11:35 - M. AUGAT<br><i>Free polynomial Biholomorphisms between free spectrahedra</i> | 11:15 - 11:35 - G. FAN<br><i>Generalized extreme value theory and its applications in advanced age USA mortality</i>                      |
| 11:45 -12:05 - J. ROSENFELD<br><i>The Caputo fractional derivative and the Mittag-Leffler RKHS</i>           | 11:45 -12:05 - C. DING<br><i>Higher order fermionic and bosonic operators</i>                | 11:45 -12:05 - J. WEI<br><i>Generalized extreme value theory and the limiting age of USA population</i>                                   |