

SCHEDULE OF TALKS

Tuesday, May 14, 2002

Session I, Room SL 1105, Chair: Ian Doust

9:00 a.m. Theodore W. GAMELIN, *Homomorphisms of uniform algebras.*

9:50 a.m. Steven G. KRANTZ, *Fixed points of holomorphic mappings.*

TEA

10:50 a.m. Hans JARCHOW, *Carleson embeddings for weighted Bergman spaces.*

11:30 a.m. Jesus ARAUJO, *Realcompact spaces, automatic continuity and isometries.*

LUNCH

1:30 p.m. Thomas V. TONEV, *Analytic functions on compact groups and applications to almost periodic functions.*

2:20 p.m. Joel FEINSTEIN, *Endomorphisms of algebras of infinitely differentiable functions on compact plane sets.*

TEA

Special Session on Banach and Topological Algebras I,
Room SL 1105, Chair: Thomas Tonev

3:30 p.m. Maria PALACIOS, *On the α -dual algebra.*

3:55 p.m. Marina HARALAMPIDOU, *The Krull nature of locally C^* -algebras.*

4:20 p.m. Alan PATERSON, *Fourier algebras and Schur products.*

4:45 p.m. Robert KANTROWITZ, *Irrotational and rotational square roots.*

5:10 p.m. Jeronimo ALAMINOS, *Norm attaining bilinear forms on C^* -algebras.*

Special Session on Banach Spaces I, Room SL 3114, Chair:
Beate Zimmer

3:30 p.m. James E. JAMISON, *Some Results on Isometric Equivalence Operators on Banach Space.*

3:55 p.m. Daniel GRUBB, *Quasi-measures and Quasi-linear maps.*

4:20 p.m. Patrick N. DOWLING, *Subsets of c_0 failing the fixed point property.*

4:45 pm. Manuel MAESTRE, *On Bohr's power series theorem.*

5:10 p.m. Walden FREEDMAN, *An extension property for Banach spaces.*

6:30 p.m. RECEPTION

Wednesday, May 15, 2002

Session II, Room SL 1105, Chair: Jan Wiegerinck

9:00 a.m. Richard ROCHBERG, *Hankel Forms on the Dirichlet Space and Related Operators.*

9:50 a.m. Ernst ALBRECHT, *Local Spectral Properties for Systems of Linear Differential Operators on L^p -Spaces.*

TEA

10:50 a.m. Richard ARON, *Algebras of symmetric holomorphic functions.*

11:30 a.m. Ian DOUST, *Conditional and unconditional decompositions of noncommutative L^p spaces.*

LUNCH

1:30-3:00 p.m. PANEL DISCUSSION.

TEA

**Special Session on Analytic Functions I, Room SL 1105,
Chair: Alexander Izzo**

3:30 p.m. John RYAN, *Large Function Theory of Some Conformally Flat Manifolds.*

3:55 p.m. Len MILLER, *Local spectral properties of averaging operators on the Hardy spaces.*

4:20 p.m. John T. ANDERSON, *Rational Approximation in C^2 .*

4:45 p.m. H. Turgay KAPTANOGLU, *A New Look at Diagonal Besov Spaces on the Ball.*

5:10 p.m. Zhijian WU, *Morrey space and applications.*

5:35 p.m. Marshall WHITTLESEY, *Nonlinear Riemann-Hilbert problems and control theory.*

**Special Session on Banach Spaces II, Room SL 3114,
Chair: James Jamison**

3:30 p.m. Jose EXTREMERA, *Uniqueness of translation invariant norms in non-abelian context.*

3:55 p.m. Vladimir I. GURARIY, *Linability and Spaceability of sets in Function Spaces.*

4:20 p.m. Qingying BU, *Types of Radon-Nikodym properties for the projective tensor product of ℓ_p and X .*

4:45 p.m. Jasbir Singh MANHAS, *Multiplication Operators on Weighted Locally Convex Spaces of Vector-Valued Analytic Functions.*

5:10 p.m. Geoff DIESTEL, *Sobolev Spaces with Trivial Isometries.*

Thursday, May 16, 2002

Session III, Room SL 1105, Chair: Eggert Briem

9:00 a.m. Michael M. NEUMANN, *Localization in the spectral theory of operators on Banach spaces.*

9:50 a.m. Alexander KOLDOBSKY, *Intersection bodies and L_p -spaces.*

TEA

10:50 a.m. Victor LOMONOSOV, *A Counterexample to the Bishop-Phelps Theorem in Complex Spaces.*

11:30 a.m. Ehrhard BEHREND, *Metric spaces with the small ball property.*

LUNCH

1:30 p.m. John DUNCAN, *Extremal Problems for Hermitians: Progress and Roadblocks.*

2:20 p.m. Alexander J. IZZO, *Uniform approximation on manifolds.*

TEA

Special Session on Banach and Topological Algebras II,
Room SL 1105, Chair: Joel Feinstein

3:30 p.m. Jorma ARHIPAINEN, *On influence of regularity and weakly regularity of normed algebra to its Gelfand representation.*

3:55 p.m. Hugo ARIZMENDI, *On the m -convexity of $C_b(X)$.*

4:20 p.m. Stuart Jay SIDNEY, *Uniform algebras generated by unimodular functions.*

4:45 p.m. Farhad JAFARI, *An extension theorem of Morse.*

5:10 p.m. Thomas W. DAWSON, *On The Denseness of the Invertible Group in Banach Algebras.*

5:35 p.m. Michael MARSALLI, *On L^2 -precompactness of the ball of a function algebra.*

Special Session on Banach Spaces III, Room SL 3114,
Chair: Patrick Dowling

3:30 p.m. Beate ZIMMER, *Isometries of C^* -algebras.*

3:55 p.m. Armando VILLENA, *Continuity of operators intertwining with convolution operators.*

4:20 p.m. Audrey CURNOCK, *Isometries of Affine Function Spaces.*

4:45 p.m. Mienie De KOCK, *Operators Defined By Conditional Expectations.*

5:10 p.m. Pradipta BANDYOPADHYAY, *Weighted Chebyshev Centers and Intersection Properties of Balls in Banach Spaces, I.*

6:30 p.m. RECEPTION

Friday, May 17, 2002

Session IV, Room SL 1105, Chair: Richard Aron & Manuel Maestre

9:00 a.m. Sheldon AXLER, *Harmonic Functions Done Right*.

9:50 a.m. David BLECHER, *The nonsurjective Banach Stone theorem and the noncommutative Shilov boundary*.

TEA

10:50 a.m. Pietro AIENA, *Local spectral theory and Fredholm theory*.

11:30 a.m. Jan WIEGERINCK, *The boundary of the unit ball of H^1* .

LUNCH

1:30 p.m. Peter SEMRL, *Approximate Isometries*.

2:20 p.m. Åsvald LIMA, *Hahn-Banach extension operators and spaces of operators*.

TEA

Special Session on Analytic Functions II, Room SL 1105,
Chair: Len Miller

3:30 p.m. John R. AKEROYD, *Some notes on the index of the shift*.

3:55 p.m. Mark LAWRENCE, *The CR Hartogs theorem and related topics*.

4:20 p.m. Shuichi OHNO, *Products of Composition and Toeplitz Operators*.

4:45 p.m. Michal JASICZAK, *On the continuity of the Bergman projection in the unit ball and the locally convex extension of H^∞* .

5:10 p.m. Ruhan ZHAO, *Pointwise multipliers from weighted Bergman spaces and Hardy spaces to weighted Bergman spaces*.

5:35 p.m. Abdellatif BOURHIM, *Boundary behaviour of holomorphic functions of bounded type*.

Special Session on L^p Spaces III, Room SL 3114, Chair:
Patrick Dowling

3:30 p.m. Gleb SIROTKIN, *Daugavet Property and Vectored-valued L^p -Spaces*.

3:55 p.m. Stanislaw GOLDSTEIN, *On a measure independent construction of noncommutative L^p spaces*.

4:20 p.m. Parthena AVRAMIDOU, *Convolution with approximate identities and pointwise convergence in $L_p(\mathbb{R})$, $p \geq 1$* .

4:45 p.m. Ching On LO, *Weighted composition operators between L^p -spaces*.

5:10 p.m. Karen SHUMAN, *Cyclic functions in $L^p(\mathbb{R})$, $1 \leq p < \infty$* .

5:35 p.m. David SHERMAN, *Noncommutative L^p Modules*.

Saturday, May 18, 2002

Session IV, Room SL 1105, Chair: Valker Runde

9:00 a.m. Guido WEISS, *A unified approach for characterizing reproducing systems in L^2 .*

9:50 a.m. Pamela GORKIN, *Homotopic Composition Operators.*

TEA

10:50 a.m. María ACOSTA, *The alternative Dunford-Pettis property for subspaces of the compact operators.*

11:30 a.m. Eggert BRIEM, *An extension of a theorem of Wermer, Bernard, Sidney and Hatori to algebras of functions on locally compact spaces.*

LUNCH

Session V, Room SL 1105, Chair: Jesus Araujo

1:30 p.m. Volker RUNDE, *Abstract harmonic analysis, homological algebra, and operator spaces.*

2:20 p.m. Ngai-Ching WONG, *Disjointness preserving shifts on continuous function spaces.*

TEA

3:30 p.m. Gerard BUSKES, *Completions of Lattice Ordered Algebras.*

3:55 p.m. Karim BOULABIAR, *Representation Theorems of Lattice-Ordered Algebras.*

4:20 p.m. Elias SALEEBY, *Entire solutions of certain first order pde's.*

4:45 p.m. David ROBBINS, *A note on the space of weakly continuous sections of a Banach bundle.*

5:10 p.m. Daniil RIABKO, *Functional representation of a Dedekind-complete Riesz space in a Boolean valued universe.*