

Recent Advances in Operator Related Function Theory

Trinity College Dublin

August 4–6, 2004

The conference was dedicated to Joseph A. Cima in celebration of his 70th birthday and 45 years in mathematics.

Thanks to our sponsors:

- The National Science Foundation, U.S.A.
- University at Albany, State University of New York
- Trinity College, Dublin
- The Hamilton Mathematics Institute TCD
- The University of North Carolina at Chapel Hill
- The Irish Mathematical Society

The organisers were:

- Michael Stessin (SUNY Albany)
- Alec Matheson (SUNY Albany and Lamar U.)
- Richard Timoney (Trinity College Dublin)

Programme

Talks were held in Joly Lecture Theatre, Hamilton Building, TCD.

Wednesday, August 4

8:45 - 9:15		Registration
9:15 - 9:30		Opening

Chair: J. Cima

9:30 - 10:30	E. Saksman <i>Jyväskylä</i>	The Boundary Correspondence of the Nevanlinna Counting Function
10:30 - 11:00	A. Poltoratski <i>Texas A&M</i>	Clark's Measures, Toeplitz Kernals, and Uncertainty Principle
11:00 - 11:30		Coffee Break
11:30 - 12:00	S. Garcia <i>Santa Barbara</i>	Complex Symmetric Operators
12:00 - 12:30	P. Nieminen <i>Helsinki</i>	On Compactness of the Difference of Composition Operators

12:30 - 14:00		Lunch (Pavillion Bar)
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Chair: M. Stessin

14:00 - 15:00	W. Smith <i>Hawaii</i>	Composition Operators Acting on Holomorphic Sobolev Space
15:00 - 15:30	A. Siskakis <i>Thessaloniki</i>	Composition Semigroups and Operators of Integration
15:30 - 16:00		Coffee Break
16:00 - 16:30	D. Vukotic <i>Madrid</i>	Norms of Composition Operators on Some Classical Function Spaces
16:30 - 17:00	A. Montes Rodriguez <i>Seville</i>	Cyclic Linear Fractional Composition Operators

Thursday, August 5**Chair:** A. Matheson

9:00 - 10:00	J. McCarthy <i>St. Louis</i>	Extending Analytic Functions Without Increasing Their Norm
10:00 - 10:30	D. Girela <i>Málaga</i>	Conformal Mappings with Applications to Function Spaces
10:30 - 11:00		Coffee Break
11:00 - 11:30	A. Nicolau <i>Barcelona</i>	Interpolation by Non-vanishing Bounded Analytic Functions
11:30 - 12:00	T. Carroll <i>Univ. Coll. Cork</i>	Mobius Invariant Function Spaces
12:00 - 12:30	R. Mortini <i>Metz</i>	Boundary Behavior of Interpolating Blaschke Products

12:30 - 14:00		Lunch (Pavillion Bar)
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Chair: R. Douglas

14:00 - 14:30	W. Wogen <i>Chapel Hill</i>	Common Cyclic Vectors for Normal Operators
14:30 - 15:00	A. Serra <i>Lisbon</i>	The Non-complete Pick property After Quiggin
15:00 - 15:30		Coffee Break
15:30 - 16:00	C. Boyd <i>Univ. Coll. Dublin</i>	v -peak Points of Weighted Spaces of Holomorphic Functions
16:00 - 16:15		Break
16:15 - 16:30	U. Kollbrunner <i>Zürich</i>	Order bounded Carleson Embeddings For Weighted Bergman Spaces
16:30 - 16:45	O. Constantin <i>Lund</i>	Hankel Operators on Bergman Spaces and Similarity to Contractions

19:30	<i>for 20:00</i>	Conference dinner in College Dining Hall
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Friday, August 6**Chair:** S. Dineen

9:00 - 10:00	K. Dyakonov <i>Barceolona</i>	Garsia-type Norms in Spaces of Analytic Functions
10:00 - 10:30	H. Jarchow <i>Zürich</i>	On Carleson Embeddings For Hardy Spaces
10:30 - 11:00		Coffee Break
11:00 - 11:30	J. Anderson <i>Holy Cross</i>	Approximation in \mathbb{C}^2
11:30 - 12:00	S. Buckley <i>NUI Maynooth</i>	Superposition Operators on Dirichlet Type Spaces
12:00 - 12:30	W. Ross <i>Richmond, VA</i>	The Backward Shift, A Selective Survey

12:30 - 14:00		Lunch (Pavillion Bar)
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14:00 -		(<i>Optional</i>) walk around Howth head
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List of Participants

Alexandru Aleman (Lund)
John T. Anderson (Holy Cross)
Catherine Beneteau (Seton Hall NJ)
Christopher Boyd (University College Dublin)
Patrick A. Brown (SUNY Albany)
Stephen Buckley (NUI Maynooth)
Tom Carroll (University College Cork)
Joseph Cima (North Carolina)
Olivia Constantin (Lund)
Sean Dineen (University College Dublin)
Ron Douglas (Texas A&M)
Konstantin Dyakonov (Barcelona)
Eva A. Gallardo-Gutierrez (Zaragoza)
Stephan R. Garcia (Santa Barbara)
Daniel Girela (Málaga)
Mark Halinan (Trinity College Dublin)
Mary Hanley (University College Dublin)
Remo Hügli (Trinity College Dublin)
James Jamison (Memphis)
Hans Jarchow (Zürich)
Siarhei Katsialouski (Belarus)
Angeliki Kazas (SUNY Oneonta)
Dmitry Khavinson (Arkansas)
Alexander Kheifets (Univ. Mass. Lowell)
Greg Knese (Washington Univ., St. Louis)
Urs Kollbrunner (Zürich)
Jussi Laitila (Helsinki)
Wayne Lawton (Singapore)
John McCarthy (Washington Univ., St. Louis)
David Malone (Communications Network Research Institute)
Maria Jose Martin Gomez (Madrid)
Alec Matheson (Lamar Univ.)
Alfonso Montes-Rodriguez (Seville)
Jennifer Moorhouse (Colgate University)
Raymond Mortini (Metz)
Don Moynihan (Trinity College Dublin)
Artur Nicolau (Autònoma Barcelona)
Pekka Nieminen (Helsinki)
Maria Nowak (Lublin, Poland)
Donal O'Donovan (Trinity College Dublin)
Jordi Pau (Autònoma, Barcelona)

Serpil Pehlivan (Suleyman Demirel U., Turkey)
Alexei Poltoratski (Texas A&M)
Manuel Ponce Escudero (Seville)
Arthur Prendergast (Trinity College Dublin)
Stefan Richter (Tennessee)
Alejandro Rodriguez Martinez (Seville)
William Ross (Univ. Richmond, Virginia)
Ray Ryan (NUI Galway)
Eero Saksman (Jyväskylä)
Rebecca Schmitz (Charlottesville, Virginia)
António Serra (Lisbon)
Aristomenis G. Siskakis (Univ. Thessaloniki)
Wayne Smith (Hawaii)
Michael Stessin (SUNY Albany)
Karel Stroethoff (Montana)
Carl Sundberg (Tennessee)
Richard M. Timoney (Trinity College Dublin)
Hans-Olav Tylli (Helsinki)
Mitsuru Uchiyama (Fukuoka University of Education)
Prasada R. Vegulla (Washington Univ., St. Louis)
Dragan Vukotic (Autónoma, Madrid)
David Walsh (NUI Maynooth)
Warren R Wogen (North Carolina)
Lawrence Zalcman (Bar-Ilan Univ.)

A conference group photo is available at <http://www.maths.tcd.ie/~richardt/conf2004/photos.html>.