Conference on Complex Analysis

Schedule of Events

Thursday, March 16, 2006

Morning Program, Van Vleck B239.

8:55: Welcome

9:00-10:00: **Edgar Lee Stout** (University of Washington)
The Complex Analysis of Patrick Ahern, Alexander Nagel, and Jean-Pierre Rosay.

10:00-10:30: Coffee break (9th floor lounge, Van Vleck Hall)

10:30-11:20: **John P. D'Angelo** (University of Illinois, Urbana-Champaign),
Proper Holomorphic Mappings between Balls and CR Complexity.

11:30-12:20: **Mei-Chi Shaw** (University of Notre Dame),
Bounded plurisubharmonic functions and the $\bar{\partial}$-Cauchy problem in the complex projective spaces.

Lunch break

Afternoon Program, Van Vleck B239.

3:00-3:50: **Joaquim Bruna** (Universitat Autonoma de Barcelona),
On translates of the Poisson kernel and zeros of harmonic functions.

4:00- 4:50: **Salah Baouendi** (University of California, San Diego),
Local and global automorphism groups of CR manifolds.

<div align="center">**Friday, March 17, 2006**</div>

Morning Program, Van Vleck B239.

9:00-10:00: **Elias M. Stein** (Princeton University),
Pseudo-differential and singular integral operators in complex analysis.

10:00-10:30: Coffee break (9th floor lounge, Van Vleck Hall)

10:30-11:20: **Detlef Müller** (Christian Albrecht Universität Kiel),
A necessary condition for local solvability of linear differential operators with double characteristics.

11:30-12:20: **Joaquim Ortega-Cerdà** (University of Barcelona),
Marcinkiewicz-Zygmund inequalities.

Lunch break

Afternoon Program, Van Vleck B239.

3:00-3:50: **László Lempert** (Purdue University),
Analytic sheaves in Banach spaces.

4:00- 4:50: **Evgeny Poletsky** (University of Syracuse),
Composition operators on hyperconvex domains.

Saturday, March 18, 2006

Morning Program, Van Vleck B239.

9:00-10:00: **Michael Christ** (University of California - Berkeley),
Existence and nonuniqueness for the nonlinear Schrödinger equation.

10:00-10:30: Coffee break (9th floor lounge, Van Vleck Hall)

10:30-11:20: **Linda Rothschild** (University of California, San Diego),
Images of real submanifolds under finite holomorphic mappings.

11:30-12:20: **Fulvio Ricci** (Scuola Normale Superiore, Pisa, Italy),
Analysis of Hodge Laplacians on the Heisenberg group.

12:30: Conference Picture (all participants please gather on the Van Vleck Plaza)

Lunch break

Afternoon Program, Van Vleck B239.

3:00-3:50: **Sergey Ivashkovich** (Universite de Lille, France),
On topological version of Levi-type extension theorem.

4:00- 4:50: **Dror Varolin** (State University of New York - Stony Brook),
L^2 extension from smooth hypersurfaces with non-trivial normal bundle.

7:00 p.m. Conference Dinner, Van Vleck 9th floor lounge.[1]

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[1]This event is not funded. Participants who preregistered for the dinner are asked to submit a check of 30$ to Vicki Whelan, room 223 Van Vleck. If you wish to participate and did not preregister please contact one of the organizers immediately after arrival.

Sunday, March 19, 2006

Morning Program, Van Vleck B239.

9:00-10:00: **Berit Stensones** (University of Michigan).
Plurisubharmonic polynomials in two variables.

10:00-10:30: Coffee break (9th floor lounge, Van Vleck Hall)

10:30-11:20: **Jeffery McNeal** (Ohio State University),
Global regularity of the $\overline{\partial}$- Neumann problem and plurisubharmonicity conditions.

11:30-12:20: **Sidney M. Webster** (University of Chicago),
CR geometry and the sublaplacian.