

Auburn University

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College of Sciences and Mathematics

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ELEVENTH AUBURN MINI-CONFERENCE ON HARMONIC ANALYSIS AND RELATED AREA

Friday and Saturday, October 14-15, 1994
Sponsored by NSF

Friday Morning 8:30-9:00 Coffee, Doughnuts, Registration,
Information (Parker Hall 244)

Friday Morning Session - Parker Hall 305 except 10-11 a.m. in
Parker Hall 250.

- 9:00 - 9:10 Opening Remarks.
- 9:10 - 9:30 Han Yongsheng & Y. Meyer - Auburn University
The B-Valued Littlewood - Paley Theory
- 9:40 - 10:00 Yibiao Pan - University of Pittsburgh
 L^p - improving properties for measures
supported on curves.
- 10:10 - 10:30 Alex Bendikov - University of Memphis
On The spectrum of the Dirichlet-Laplacian on the
infinite dimensional torus.
- 11:10 - 12:00 Mitchell Taibleson - Washington University
New characterization of Besov and Triebel-Lizorkin
Spaces
- 12:00 - 1:30 Lunch Break

Afternoon Session - Parker Hall 217

- 1:30 - 1:50 Dashan Fan - University of Wisconsin
A Restriction Theorem Related to Atoms.
- 2:00 - 2:50 Eric Sawyer - McMaster University
Oscillatory Integrals and Maximal Functions over
Homogeneous Surface.
- 3:00 - 3:20 Agranovich Polina - University of Ukraine
On Functions of Completely Regular Growth in a
Distinguished Variable.

- 3:25 - 3:45 Nakhle Asmar - University of Missouri
A Generalized F. and M. Riesz Theorem.
- 4:10 - 5:00 Guido Weiss - Washington University
Transferences and Wavelets.
- 6:00 - 9:00 Picnic at Pebble Hill (Country Barbecue and
Brazilian feijoada)

Saturday Morning - Parker Hall 217

- 8:30 - 9:00 Coffee, Doughnuts (Parker Hall 244)
- 9:00 - 9:20 Zhijian Wu
Hankel Operators on Clifford Valued
Bergman Spaces.
- 9:25 - 9:45 Larry Chen - Oregon State & Auburn University
The Convergence of Bochner Riesz mean of critical
index
- 10:00 - 10:50 Guido Weiss - Washington University
Continued.
- 11:00 - 11:20 Lilliana Forzani-Universidad Nacional del Litoral
and University of Minnesota
On some approximation of identity for Gaussian
measure.
- 11:20 - 1:30 Lunch Break.

Afternoon Session - Parker Hall 217

- 1:30 - 1:50 TBA
- 2:00 - 2:50 Mitchell Taibleson - Washington University
Continued.
- 3:10 - 4:00 Mike Wilson - University of Vermont
A Two-Parameter "Bergman Spaces" Inequality.
- 4:30 - University vans carrying participants to Atlanta
leave Parker Hall. Saturday evening we will carry
interested participants to (Dutch-Treat dinner in
Atlanta.)

*All Department of Mathematics Faculty, Staff, and G.T.A.'s are
invited to attend the Conference and the Picnic.