

MINI-CONFERENCE IN HARMONIC ANALYSIS AND RELATED AREAS

AUBURN UNIVERSITY, ALABAMA

NOVEMBER 22, 23, 1985

PROGRAM

Friday, November 22      Parker Hall 217

- 1:00pm - 1:55pm - GUIDO WEISS-Washington University  
Lecture:  
"Recent Developments in Hardy Theory"
- 2:00pm - 2:25pm - RICHARD O'NEIL - SUNYA  
"Young's Inequality for non-unimodular Group."
- 2:30pm - 3:25pm - ROBERT FEFFERMAN - University of Chicago  
Lecture:  
"Extensions of Calderon - Zygmund Theory, Maximal Functions, Singular Integrals and Hardy Spaces."
- 3:30pm - 3:55pm - M. VICTOR WICKERHAUSER - University of Georgia  
"Inverse Scattering in one and two Dimensions."
- 4:00pm - 4:55pm - MITCHELL TAIBLESON - Washington University  
Lecture:  
"Martingale Methods in the study of Hardy Spaces of Harmonic Functions on Trees."
- 5:00pm - 5:25pm - RICHARD ZALIK - Auburn University  
"On Holomorphic Fourier Transforms."
- 5:30pm - 5:55pm - GARY SAMPSON - Auburn University  
" $(L^p, L^q)$  Weighted Estimates for Oscillating Kernels."
- 6:00pm - 6:30pm - GUIDO WEISS on David's Report.
- 7:30pm - 9:30pm - Get together at Jack Brown's House.

Saturday, November 23 Parker Hall

- 8:30am - 8:55am - RAM MOHAPATRA - University of Central Florida  
"Approximation of Holder Continuous Functions  
by Their Fourier Series."
- 9:00am - 9:25am - NARENDRA GOVIL - Auburn University  
"On Maximum Modulus of Polynomials."
- 9:30am - 9:55am - DANIEL WATERMAN - Syracuse University  
"On The Magnitude of Fourier Coefficients."
- 10:00am - 10:55am - GUIDO WEISS - Lecture Continued.
- 11:00am - 11:25am - LEE LARSON - University of Louisville  
"Baire Class of Generalized Derivatives."
- 11:30am - 12:00noon - STEVE BLOOM & GERALDO DE SOUZA -  
Siena College/Auburn University  
"Weighted Special Atom Spaces"
- 12:00 noon - 1:00pm LUNCH BREAK
- 1:00pm - 1:55pm - ROBERT FEFFERMAN - Lecture continued.
- 2:00pm - 2:25pm - Z. PIOTROWSKI & SZYMANSKI - Youngstown  
State University  
"Banach Closed Graph Theorem for  
Topological Groups"
- 2:30pm - 2:55pm - S.B. Goyal - Tuskegee University  
"Comparison Theorems for a Class of 4th  
Order Elliptic Equations"
- 3:00pm - 4:00pm - MITCHELL TAIBLESON - Lecture Continued.

NOTE: Any questions or suggestions please call  
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November 21, 1985