



2 M. C. Lammers, A. Powell, O. Yilmaz, *Alternate duals for  $\Sigma\Delta$  quantization*.

### Selected Research Presentations

- October 2005 University of South Carolina, Analysis Seminar, Title: Frames and Analog to Digital conversion: Alternate Duals for reconstruction.
- June 2005 Universit de Franche-Comt. Besancon France, Functional Analysis Seminar Title: Frames and Applications
- May 2005 International Conference “Modern Methods of Time-Frequency Analysis”, Strobl Austria Title: Alternate Duals For Sigma Delta Quantization
- December 2004, University of Maryland. Harmonic Analysis Seminar. Title: Norm Bounded Canonical Duals.
- May 2004, Second International Conference on Computational Harmonic Analysis, Vanderbilt University. Title: Duality Principles in Frame Theory.
- March 2003, Frames, Wavelets and Tomography Special Session at the AMS Sectional Meeting, Baton Rouge, Title: Bracket Products for Weyl-Heisenberg (Gabor) Frames.
- January 2003, Wavelets, Frames and Operator Theory Special Session at the AMS National Meeting, Baltimore, Title: Wilson Bases and Convolution.
- July 2002, Concentration Week on Wavelets, Frames and Operator Theory, Texas A&M University, Title: Modular Convolutions.
- March 2002, Banach Space Applications Special Session at the AMS Sectional, Georgia Tech University, Title: Banach Algebras and Gabor Frames.
- February 2002, New Mexico State Analysis Seminar, Title: Gabor Frames and Hilbert  $C^*$ -Modules.

### Other Professional Meetings Attended

- 1 May 2005, Erwin Schrödinger Institute : Modern Methods of Time-Frequency Analysis, Vienna Austria.
- 2 April 2005, The Center for Scientific Computation and Mathematical Modeling (CSCAMM), Oversampling and Coarse Quantization for Signals,

### Grants

- 2004-2005 Cahill Grant: Modern Methods of Time-Frequency Analysis, University of North Carolina at Wilmington. Award Amount: \$2,500.
- 2004 Summer Research Grant, University of North Carolina at Wilmington: Duality Principles in Frame Theory, June-August. Award Amount: \$3,000.
- 2002 Summer Research Grant, Bureau of Faculty Research, Western Washington University: Wavelet Frames, June-August. Award Amount: \$5,000.