- **Saturday January 10, 2004, 1:00 p.m.-5:50 p.m.**
  AMS Special Session on Multiscale and Oscillatory Phenomena: Modeling, Numerical Techniques, and Applications, III
  Organizers:
  Richard Tsai, Princeton University
  Luminita A. Vese, University of California Los Angeles lvese@math.ucla.edu

  - 1:00 p.m.
    A multiscale image representation using hierarchical (BV,L^2) decompositions.
    Eitan Tadmor*, University of Maryland
    Suzanne Nezzar, University of California Los Angeles
    Luminita Vese, University of California Los Angeles
    (993-41-719)
  - 2:30 p.m.
    Wavelet based schemes for image decomposition by variational functionals.
    Ingrid Daubechies, Princeton University
    Gerd Teschke*, University of Bremen
    (993-49-1524)
  - 3:00 p.m.
    Image Decomposition Via the Combination of Sparse Representations and a Variational Approach.
    J.-L. Starck, CEA-Saclay, DAPNIA/SEDI-SAP, Service d'Astrophysiq
    M. Elad*, Computer Science Department, Technion Israel Insti
    D. Donoho, Department of Statistics, Stanford University
    (993-49-1231)
  - 3:30 p.m.
    Solving a variational image restoration model which involves L^∞ constraints.
    Stephane Lintner, Caltech
    Francois Malgouyres*, Universite Paris 13
    (993-49-774)
  - 4:00 p.m.
    Restoration of wavelet coefficients by minimizing a specially designed objective function.
    Sylvain Durand, CMLA (CNRS-UMR 8536)
    Mila Nikolova*, CMLA (CNRS-UMR 8536)