Meeting: 999, Nashville, Tennessee, SS 7A, Special Session on Operator Theory on Function Spaces

999-46-188 **Richard Rochberg***, Campus Box 1146, Washington University, St. Louis, MO 63130, and **Nicola Arcozzi** and **Eric Sawyer**. *Interpolation sequences for Besov spaces of the complex ball.* Preliminary report.

The description of the interpolating sequences for the Hardy space of the disk and for its multiplier algebra, the algebra of bounded analytic functions are, by now, classical. Similar results were obtained in the 90's for the Dirichlet space and its multiplier algebra, but with quite different proofs, by Bishop and by Marshall and Sundberg. Recently Boe has extended those results to the Besov spaces on the disk. We have been working to understand the analogous questions for Besov spaces of holomorphic functions of several complex variables. Our approach and our progress to date will be described. (Received August 23, 2004)