1042-32-138 **Dror Varolin*** (dror@math.sunysb.edu), Department of Mathematics, Stony Brook University, Stony Brook, NY 11794-3651. Bargmann-Fock Space Interpolation and Sampling From Singular Hypersurfaces in \mathbb{C}^n .

We discuss joint work in progress with Stanislav Ostrovsky on necessary and sufficient conditions for interpolation and sampling problems from singular hypersurfaces in \mathbb{C}^n . (Received August 16, 2008)