1117-35-518   **Nyla Basharat** and **Yi Hu*** (`yihu@georgiasouthern.edu`), Department of Mathematical Sciences, Georgia Southern University, Statesboro, GA 30458, and **Shijun Zheng**. *Sharp condition on global well-posedness for nonlinear Schrödinger equations with rotation.* Preliminary report.

We consider the nonlinear Schrödinger equation with rotation (in two and three dimensions) and give sharp conditions on the global well-posedness and blowup in the mass-critical case. (Received January 19, 2016)