1108-42-479   **Eric T. Sawyer** (`sawyer@mcmaster.ca`), Department of Mathematics and Statistics, McMaster University, 1280 Main Street West, Hamilton, Ontario L8S 4K1, Canada, **Chun-Yen Shen**, National Central University, Dept of Math, No.300, Jhongda Rd., Jhongli City, Taoyuan County 32001, Taiwan, and **Ignacio Uriarte-Tuero*** (`ignacio@math.msu.edu`), Department of Mathematics, Michigan State University, 619 Red Cedar Road, East Lansing, MI 48824. *Two weight norm inequalities for singular and fractional integral operators in R^n.*

I will report on recent advances on the topic, related to proofs of T1 type theorems in the two weight setting for Calderón-Zygmund singular and fractional integral operators, with side conditions, and related counterexamples. Joint work with Eric Sawyer and Chun-Yen Shen. (Received January 19, 2015)