1165-46-183   **Cristian Cazacu** (`cristian.cazacu@fmi.unibuc.ro`), **Joshua Flynn**
(`joshua.flynn@uconn.edu`) and **Nguyen Lam*** (`nlam@grenfell.mun.ca`). *Sharp Uncertainty*
Principles for curl-free vector fields. Preliminary report.

In this talk, we discuss the uncertainty principles for vector fields. We will mainly focus on the sharp constants and optimizers of the uncertainty principles for curl-free vector fields. This is joint work with Cristian Cazacu and Joshua Flynn. (Received January 17, 2021)