1083-16-205   **Siu-Hung Ng*** (`rng@iastate.edu`). *Total indicators of the representations of quasi-Hopf algebras.* Preliminary report.

Frobenius-Schur indicators of the representations of finite groups are well-known to be integers, but not for general semisimple Hopf algebras. In this talk, we consider a special sum of Frobenius-Shcur indicators, called the total indicator, which is always a non-negative integer. We will discuss the non-vanishing property of the total indicators for Hopf algebras, and its categorical implications.

The talk is based on an ongoing joint work with Gongxiang Liu (Received August 28, 2012)