1077-20-1339   **Moshe Kamensky*** (`kamensky.1@nd.edu`). *Tannakian formalism over fields with operators.* Preliminary report.

I will discuss linear groups definable in fields with generalised operators, using the formalism for such fields introduced by Moosa and Scanlon. This formalism includes the cases differential and difference fields.

The goal is produce a description of the category of representations of such a group, analogous to the classical one provided by tensor categories. (Received September 19, 2011)