1104-18-63 **Paul Balmer***, P.O. Box 951555, UCLA Math Department, Los Angeles, CA 90095-1555.
Separable extensions of triangulated categories.

I will explain how separable extensions of triangulated categories generalize the broadly used technique of Bousfield localization. To some extent, this generalization resembles how the etale topology generalizes the Zariski topology in algebraic geometry. I will present examples, mostly related to representations of finite groups and explain how this approach can be helpful. (Received August 18, 2014)