



ID de Contribution: 2

Type: **Invited research talk**

# Resolutions and duality in $K(2)$ -local homotopy theory

*lundi 29 juin 2015 11:00 (50 minutes)*

Some time ago, Goerss, Henn, Mahowald, and Rezk produced a topological resolution of the  $K(2)$ -local sphere at the prime 3. Along with the emergence of topological modular forms, this was one of the events that helped organize our thinking about the entire  $K(2)$ -local category. The occasion of this conference seems a good time to revisit these constructions and some of the theorems that followed, both new and old.

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