Proofs and Objects in HoTT

HoTT supports and exemplifies a concept of theory, which differs from the standard notion used in the mainstream logical discussion in the 20th century. While the standard notion construes a theory as a set of propositions, HoTT supports a notion of theoretical object that serves as a vehicle of both propositional and non-propositional contents.
This non-standard view on theories and their models appears unusual in the context of mathematical logic of the 20th century but it has strong historical roots in some earlier logical traditions and in the current mathematical practice.

The talk is based on my paper "On Constructive Axiomatic Method" (arXiv:1408.3591)

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