

- ▶ PETER ACZEL, *The Structure Identity Principle and the Univalence Axiom*.
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The Structure Identity Principle (SIP), in a strong form, states that isomorphic structures are identical. This principle is false in axiomatic set theory, but can be true in other foundational formal systems.

In my talk I will discuss SIP in its standard set-theoretically acceptable form, which states that isomorphic structures are structurally identical. I will then briefly outline a foundational formal system for Homotopy Type Theory, with Voevodsky's Univalence Axiom and indicate how the axiom entails very strong forms of SIP.