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The Stringor Bundle

The stringor bundle has been anticipated by pioneering work of Stephan Stolz and Peter Teichner, as a string-theoretic analog of the spinor bundle of quantum mechanics. In this talk, I will explain a neat construction of the stringor bundle as an associated 2-vector bundle. The main ingredients are a new model for the string 2-group and a representation of that 2-group on a von Neumann algebra.

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