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Marc Hoyois (Regensburg)

„Hermitian K-theory via oriented Gorenstein algebras."

<u>Abstract:</u>
The Hermitian K-theory of a ring or scheme is a variant of algebraic K-theory in which we use vector bundles equipped with a non-degenerate symmetric bilinear form. From the perspective of A^1-homotopy theory, the Hermitian K-theory space of a regular ring R can be obtained as the A^1-homotopy type of the moduli stack of finite oriented Gorenstein R-algebras. I will explain this statement in details as well as its relevance in the larger context of A^1-homotopy theory. This is based on joint work with Joachim Jelisiejew, Denis Nardin and Maria Yakerson.