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Sibylle Schroll*, Department of Mathematics, University of Leicester, LE1 7RH, UK. *From
Hecke Algebras to Brauer Graph Algebras.*

Hecke algebras of finite and tame representation type can be represented as Brauer graph algebras. In this talk we will show how they fit into a larger family of Brauer graph algebras. We then give a classification up to derived equivalence of all Koszul Brauer graph algebras and present the structure of the Hochschild cohomology groups of the different families. (Received February 15, 2010)