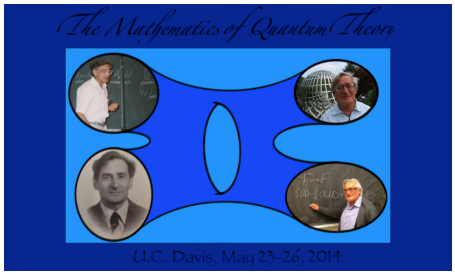

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Categorification of quantum groups at a prime root of unity.

Friday, 23 May 2014 11:15 (45 minutes)

Upon categorification quantum parameter q becomes a grading shift. Root of unity requires a tricker setup, involving p-complexes and characteristic p. We will explain the construction, some results and conjectures for categorification of quantum groups, when the order of q is a prime number.

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