

# GALOIS REPRESENTATIONS AND AUTOMORPHIC FORMS SEMINAR

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Explicit Serre Weight Conjectures

Speaker Florian Herzig

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**Date:** Thu, 10/28/2010 - 14:15 - 15:15

**Location:** S-101

We will discuss a generalisation of Serre's conjecture on the possible weights of modular mod  $p$  Galois representations for a broad class of reductive groups. In good cases (essentially when the Galois representation is tamely ramified at  $p$ ) the predicted weight set can be made explicit and compared to previous conjectures. This is joint work with Toby Gee and David Savitt.

**event\_id:** 40220

**Calendar:** 369

**Video:** <http://video.ias.edu/galois/herzig>

terms:

- [Galois Representations and Automorphic Forms](#)