

**Speaker:** Haruzo Hida

**Title:** Local  $p$ -indecomposability of modular  $p$ -adic Galois representations

**Abstract:** A conjecture by R. Greenberg asserts that a modular 2-dimensional  $p$ -adic Galois representation of a cusp form of weight larger than or equal to 2 is indecomposable over the  $p$ -inertia group unless it is induced from an imaginary quadratic field. I start with a survey of the known results and try to reach a brief description of new cases of indecomposability.