

Stanford Department of Mathematics Number Theory Seminar

January 6, 2019

2:30–3:30pm, 383N

**The ordinary part of higher coherent cohomology of Hilbert
modular varieties**

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Abstract

I will introduce the ordinary part (in the sense of Hida) of the higher coherent cohomology of Hilbert modular varieties and explain what we know about it: vanishing results and Hida style control theorems. This is joint work in progress with Vincent Pilloni.