

Mathematics Colloquium

Pierre Charollois

CRM

**On the Argument
of Stark Units**

Abstract: This is a report on a joint work with Henri Darmon in which we try to generalize modular units in the setting of Hilbert modular forms. We are led to formulate a refinement of a Stark's conjecture based on complex periods of Eisenstein series. We will then give some theoretical and numerical support for our conjecture.

Monday, December 4

4:00-5:00 pm

204 Smith Hall

Please note special day