Period mappings in p-adic Hodge theory

David Hansen
(Columbia University)

Monday, Mar 14 at 4:15 pm
111 Cummington Street, MCS B21
Tea and cookies in MCS 144 at 4:00 pm

Abstract: I'll describe a very general p-adic analogue of the "period mapping" from classical Hodge theory. This relies on Scholze's theory of diamonds, which I'll briefly review. Time permitting, I'll describe some applications to Shimura varieties.