May 13: Anne-Marie Aubert (Institut de Mathématiques de Jussieu). *Extended quotients and local Langlands correspondence.*

We will present a conjecture, stated jointly with Paul Baum, Roger Plymen and Maarten Solleveld, which asserts that a very simple geometric structure, based on certain extended quotients, is present in the admissible dual of reductive p-adic groups, and describe recent developments on it in relation with the local Langlands correspondence.