

**DY 37: Invited Talk: Ludovic Berthier (Montpellier)**

Time: Wednesday 9:00–9:30

Location: DYc

**Invited Talk**

DY 37.1 Wed 9:00 DYc

**Physical properties of ultrastable computer-generated glasses**

— ●LUDOVIC BERTHIER — Laboratoire Charles Coulomb, University of Montpellier and CNRS

Computer simulations give unique insights into the microscopic behav-

ior of amorphous materials. It became recently possible to generate ultrastable glass configurations using a simple Monte Carlo algorithm for a broad variety of model glass-formers. In this talk, I will show that this discovery has allowed a deeper understanding of the rheological, thermodynamic and dynamic aspects of glasses and supercooled liquids.