



ID de Contribution: 23

Type: Non spécifié

## Some intriguing maths in dynamical mean-field for glasses

*vendredi 29 avril 2022 16:00 (1 heure)*

The solution of the dynamics of glasses at the mean-field level - for example in the limit of high dimension – has a few surprises. The equations possess an emergent reparametrization invariance. The supersymmetry associated with thermal equilibrium is broken, but a new one arises ‘from nowhere’. These two intriguing mathematical features dominate the glassy phenomenology.

**Orateur:** Prof. KURCHAN, Jorge (ENS Paris)