



ID de Contribution: 50

Type: **Non spécifié**

## **Higgs Physics and Beyond the SM at ATLAS/CMS**

*dimanche 8 mars 2009 17:50 (20 minutes)*

Perspective searches for Higgs bosons and new particles expected by supersymmetric and extra dimension models are presented in the context of current strategies of the CMS and ATLAS experiments. An excess of events will be looked for in the first data taking period at LHC as an indication of the existence of new particles. Focus is on the potential both of the discovery and of the exclusion in the main decay channels. A combination of the most important analyses is also presented.

**Auteur principal:** Dr DE FILIPPIS, Nicola (LLR - Ecole Polytechnique)

**Orateur:** Dr DE FILIPPIS, Nicola (LLR - Ecole Polytechnique)

**Classification de Session:** SM and beyond at colliders