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## Cosmological simulations for precision cosmology with large galaxy surveys

*Thursday 7 June 2018 16:00 (20 minutes)*

Large scale structure simulations are a fundamental tool to interpret data from large volume galaxy surveys. In fact, modelling the observables and their covariance is affected by the non-linear regime of gravitational collapse, a phenomenon that is best captured through simulations. In this talk I will present some applications of simulations that are relevant to present and upcoming galaxy surveys, such as predicting the cosmological signal and the production of mock gala

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**Session Classification:** Parallel 5