Analyzing the CMB and LSS in the Big Data Era

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This year Planck satellite collaboration will release its legacy CMB data. Moreover, in the next few years a plethora of new sensible experiments both from ground and space will start to collect and release new data coming from both CMB and LSS. The challenges ahead of us will be to extract all the information coming from those data and combine them to learn the models that govern both the Early and the Late time Universe. I will present a statistical methods based on Needlets that allow to combine and extract all the information coming form this multitude of different dataset and experiments in a coherent and efficient way.