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## Precision cosmology with voids in the final BOSS data

*Wednesday, October 14, 2020 4:55 PM (20 minutes)*

In this talk I present novel cosmological constraints obtained from cosmic voids in the final BOSS DR12 dataset. I briefly introduce voids as a tool for cosmology, and focus on illustrating how to get constraints from the void-galaxy cross-correlation function, relying on measurements of the Alcock-Paczynski effect and of the redshift-space distortions pattern around voids. I discuss methodology and obtained results, with a particular focus on the advantages of calibration-independent approaches.

**Primary author:** Dr PISANI, Alice (Princeton University)

**Presenter:** Dr PISANI, Alice (Princeton University)