

# Cold gas formation in galaxy clusters

*Monday, 30 September 2019 14:20 (20 minutes)*

Extended filamentary nebulae of cold, dense gas are a striking feature of nearby galaxy clusters, but their formation mechanism and the processes which shape their morphology remain poorly understood. In this talk, I will present work investigating the condensation and evolution of this cold gas under the influence of a spin-driven AGN jet in a Perseus-like clusters.

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**Session Classification:** Galaxy Clusters