

NewAthena Community People

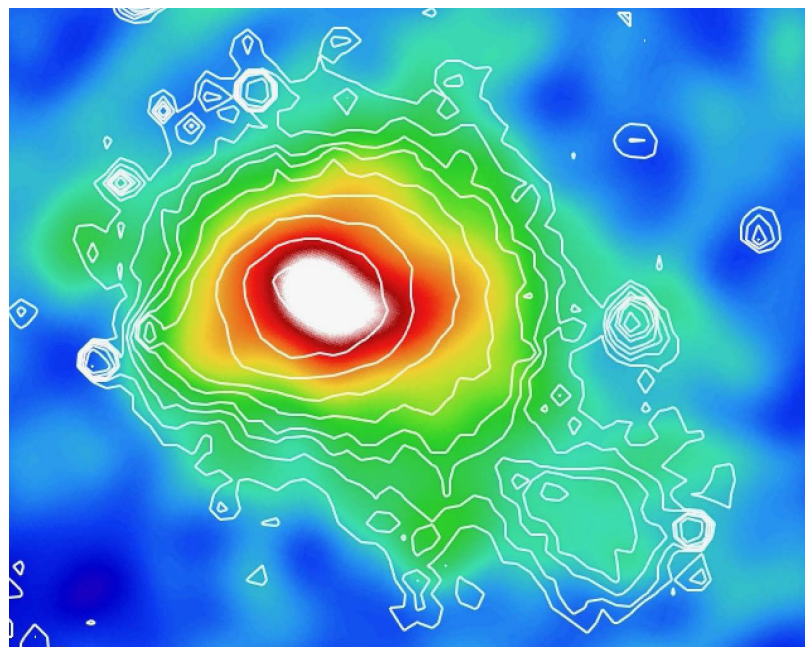


Etienne Pointecouteau

Etienne is a is Director of Research at the [French Research Council](#) (CNRS). He works at [IRAP](#), hosted by the University of Toulouse.

His research focuses on clusters of galaxies to understand the formation and the evolution of large scale structures. He has been involved in the preparation and/or the exploitation of infrared, millimetre and X-ray experiments (ISO, Pronaos, XMM, Planck, SPICA, NIKA). The high throughput and the high spectral resolution of NewAthena will provide him with a unique mean to pursue this goal, through the study of the dynamics and the chemical composition of the hot intra-cluster gas.

Etienne is a co-I of the [X-IFU](#) instrument and he is co-chairing its science advisory team. At [IRAP](#), Etienne works in close collaboration with the X-IFU PI, the instrument scientist and the team developing the readout electronics for the detector.



Planck map of the Sunyaev-Zeldovich effect signal with ROSAT X-ray overlaid contours of the Coma cluster.