

## **WP 4 Deliverable No. 4.10**

### **Educational Video (3/3): Galaxy Clusters**

Project acronym:

**AHEAD2020**

Project Title:

**Integrated Activities for the High Energy Astrophysics Domain**

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## Educational Video (3/3): Galaxy Clusters

This educational video created by IFCA (CSIC-UC) is the third of a series of three Public Outreach videos to illustrate some concepts related to High Energy Astrophysics. It describes in a common language the characteristics of the clusters of galaxies (composition, temperature, etc). It also gives an insight into the next generation ESA X-ray observatory, Athena and its capacity to bring new science about the X-ray emission of the clusters to unveil the past and present of the hot universe.

The video is publicly accessible through the AHEAD2020 YouTube channel at

<https://www.youtube.com/watch?v=-65Lot3RccQ>

It is narrated in English and subtitles in Spanish, Greek and Italian are provided

It has been also publicized in the social media by AHEA2020 (@ahead2020), XMM2Athena (@XMM2Athena) and Athena (@AthenaXobs) projects and IFCA institute (@IFCA\_CSIC\_UC) among many others.