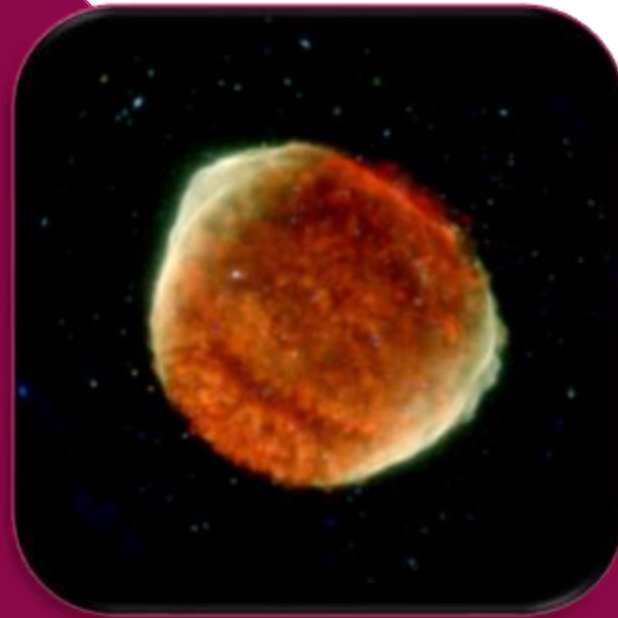




Jean Ballet

Organization: Commissariat à l'énergie atomique et aux énergies alternatives (CEA)
Position: Coordinator for CEA



Jean Ballet is a senior researcher at AIM, CEA Saclay (France) where he is the point of contact for the XMM-Newton SSC and the XMM2ATHENA project. His main scientific interest is in supernova remnants, covering the production of heavy elements by supernovae, the impact of SNRs in heating the interstellar medium, and the acceleration of cosmic-rays at the shock, both in terms of observations and modelling.

He has a broad expertise in data analysis. He is the main architect and coordinates the production of the Fermi-LAT source catalogue (NASA, GeV gamma rays) since 2005. There are only 6000 gamma-ray sources in it but the steps (source detection, variability, spectral characterization, association to sources at other wavelengths) are the same as in X rays. Within XMM2ATHENA, he is mostly involved in WP4 (source detection).