



Natalie Webb



Natalie is a multi-wavelength astronomer at the Institut de Recherche en Astrophysique et Planétologie (IRAP), Toulouse, France. She is Coordinator for the XMM2ATHENA project, as well as head of the XMM-Newton Survey Science Centre, the science ground segment for ESA's current X-ray mission and Project Scientist for the X-IFU Instrument and Science Centre, the science ground segment for the X-IFU instrument that will fly on ESA's next big X-ray mission, *Athena*. Natalie's research is focussed on the origin and the growth of supermassive black holes seeds, and on constraining the nature of the supra-dense matter inside neutron stars.

XMM2ATHENA will accompany the revolution that has taken place in astronomy over the 21 years since XMM-Newton was launched, helping scientists to exploit populations of sources, rather than single objects, by providing multi-wavelength and multi-messenger information, along with source identification, redshifts and high level science products such as fitted spectra. It will also embrace time domain astronomy by producing long term variability information and providing alerts for transients. At the same time we will be preparing for *Athena* by providing robust and innovative software to enable the X-ray community to exploit the ground-breaking data that will come from this cutting edge mission.

Organization: IRAP/CNRS

Position: Principal Investigator,
Coordinator for IRAP