

Bio

Dr Didier BARRET

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Born on July 1st, 1965



Bronze medal award of CNRS (2003)

Former President of the French Astronomical Society

Former head of the Galaxy, High-Energy Astrophysics and Cosmology Group of IRAP

Education

2000	Diploma “Habilitation” – Université Paul Sabatier
1994-1996	Postdoctoral fellow at the Harvard Smithsonian Center for Astrophysics, Cambridge, USA
1990-1993	PhD in astrophysics and space sciences at University Paul Sabatier, Toulouse. Calibration of the SIGMA telescope and hard X-ray observations of weakly magnetized neutron stars
1989	Master degree in astrophysics and space sciences at University Paul Sabatier, Toulouse
1985-1988	Engineer degree in applied mathematics and computer sciences, ENSEEIHT, Toulouse

Research interests

- Observational high-energy astrophysics – compact objects – X-ray binaries - probing strong field general relativity and matter at supra-nuclear densities
- Data analysis techniques
- Instrumentation for space missions in high-energy astrophysics : SVOM, NuSTAR and Athena

513 publications, including 230 in refereed journals according to ADS

Current responsibilities

- Principal investigator of the **X-ray Integral Field Unit** of the Athena X-ray observatory
- Member of the ESA appointed Athena Science Study Team – X-IFU lead scientist
- Co-I of the XMM-Newton Survey Science Center
- Co-I of the SVOM mission
- Member of the NuSTAR central science team
- Member of the International Science Advisory Committee of Space Research Organization of the Netherlands