

Dominique André ECKERT

Personal Data

Date of Birth May 23rd, 1981
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Experience

Sep 2011 - Present Postdoc, ASTRO-H Support Center, ISDC, Geneva (100%)
Aug 2009 - Aug 2011 “Occhialini” Postdoc Fellow at INAF/IASF-Milano (100%)
Sept 2008 - Jun 2009 Postdoc at ISDC Data Centre for Astrophysics, Geneva (100%)
Feb 2006 - Jun 2009 Teaching assistant for 3rd year physics students, University of Geneva
Sept 2004 - Aug 2008 PhD candidate at ISDC Data Centre for Astrophysics, Geneva (70-80%)
Feb 2003 - Jun 2005 Programming lecturer for 1st year physics students, University of Geneva

Formation

Sep 2008 PhD thesis, “*The INTEGRAL view of galaxy clusters*”, under the supervision of Prof. Thierry Courvoisier
Apr 2008 Master of Advanced Studies in Astronomy and Astrophysics, University of Geneva
May 2004 Master of Sciences, Physics, in theoretical cosmology under the direction of Prof. Ruth Durrer
Sep 1999 - May 2004 Under-graduate studies in theoretical physics, University of Geneva

Publications

29 publications 14 refereed (7 as 1st author)
5 conference proceedings
9 ATels and 1 GCN
See the attached full list
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Research Interests

*High-Energy
Astrophysics* Galaxy Clusters, X-ray surveys

Accepted Observing Proposals

As PI 4 (XMM-Newton, Suzaku, INTEGRAL)
As Co-I 13

Participation in Scientific Conferences

2012 Galaxy Clusters as Giant Cosmic Laboratories, Madrid (May, talk)

2011 The X-ray Universe 2011, Berlin (June, talk)

2010 40th Saas-Fee Course, Les Diablerets (Mar)
Non-thermal phenomena in colliding galaxy clusters, Nice (Nov, talk)

2008 Japan-Swiss Meeting, ISAS, Tokyo (Apr, talk)
The X-ray Universe, Granada (May, poster)
7th INTEGRAL workshop, Copenhagen (Sep, talk)
SSAA Meeting, Zurich (Sep, talk)
2nd Simbol-X Symposium, Paris (Dec, poster)

2007 30th ICRC Conference (Jun, poster)
Five Years of INTEGRAL, Sardegna (Oct, poster)

2006 Cargèse high-energy spring school, Corsica (Apr)

Peer Review

Referee for A&A, ApJ, MNRAS & Ap&SS

Award

Vacheron Constantin award for the best thesis at University of Geneva, Nov 2009

Miscellaneous

Jan 2008 ESA press release about Ophiuchus cluster:
http://www.esa.int/esaSC/SEMROEMKBF_index_0.html

Jan 2005 Discovery of the fastest accreting milli-second pulsar, IGR J00291+5934

Sep 2004 - Jun 2009 Scientist on duty for the INTEGRAL satellite

Jun 2006

Mar 2009

Aug 2001

Conferences for public outreach:

in Geneva, "*Nuit de la Science*"

in Marvilliers, "*Les plus grandes structures de l'Univers*"

6-week training at Lombard, Odier & Cie as a financial analyst