



# The ESAC Trainee Project

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(SRE - OE)



# The different ESA trainee programmes

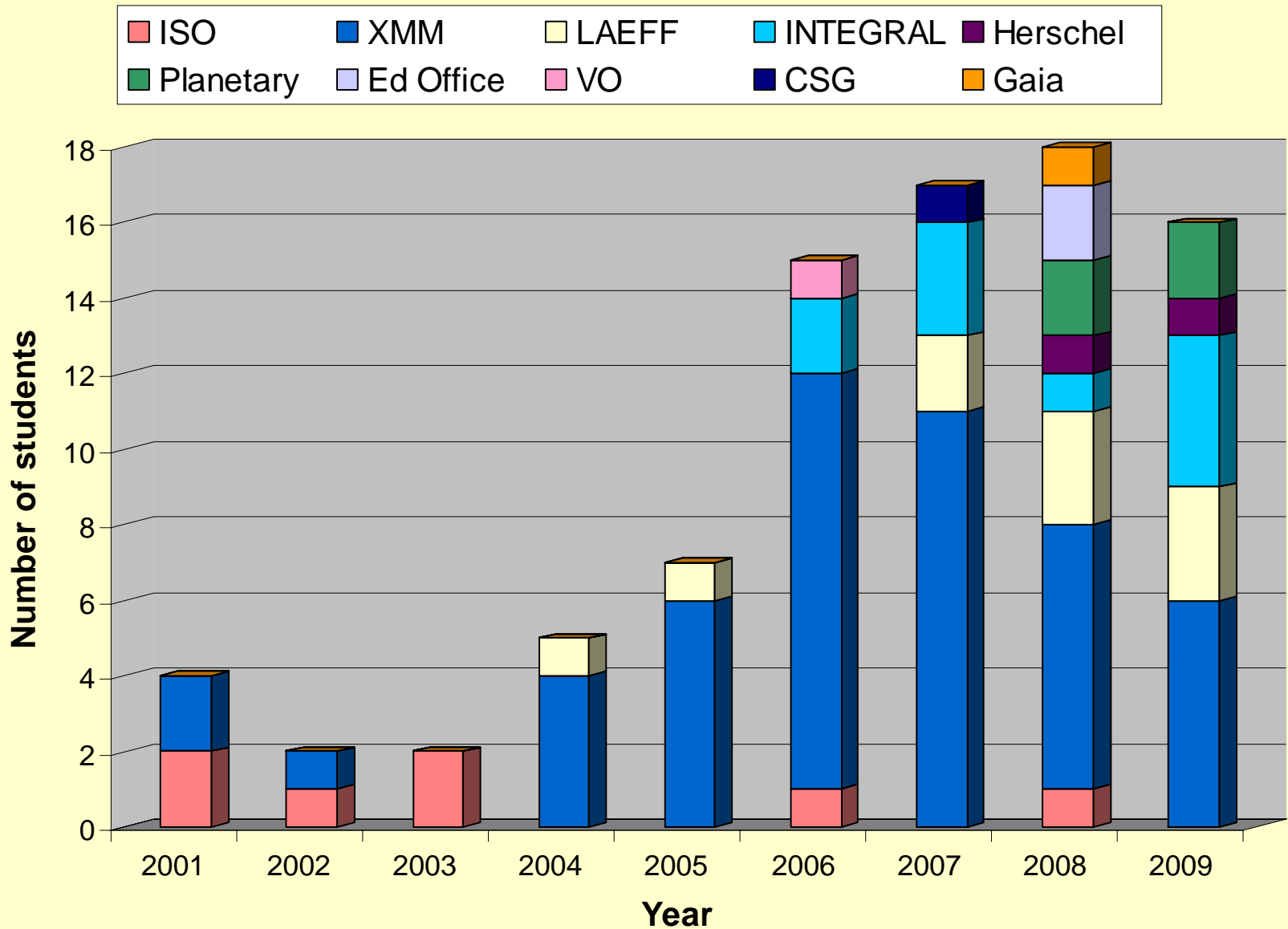
- ❑ **Postdoctoral Research Fellowships (post doctorate; ~2 years)**
- ❑ **Young Graduate Trainees (post graduate; ~1 year)**
- ❑ **Spanish and Portuguese Trainees (post graduate; 1-2 years)**
- ❑ **Student Placements/stagiaires (pre & post graduate; 3-6 months)**



# Basis of the ESAC Trainee Project

- ❑ **ESA Internship/Student placements see:**  
[http://www.esa.int/esaMI/Careers at ESA/SEMSB5XO4HD\\_0.html](http://www.esa.int/esaMI/Careers_at_ESA/SEMSB5XO4HD_0.html)
- ❑ **Students stay for 3-6 months.**
- ❑ **Agreement between ESAC and UCM for credit point work at ESAC as of 2000, and between ESAC and UAM as of 2007.**
- ❑ **2004: Marcus Kirsch founded the XMM-EPIC trainee project.**
- ❑ **Feb 05 – April 08: MK was ESAC Trainee coordinator.**
- ❑ **Apr – July 08: Ricardo Rizzo took over as interim Trainee coordinator.**
- ❑ **Formal recognition by SRE-O top management to continue and increase the ESAC Trainee Project to a dedicated 0.50 FTE => July 08: DB took over as the Trainee coordinator.**

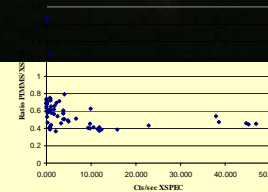
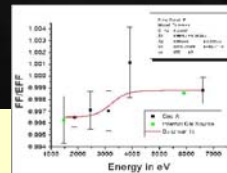
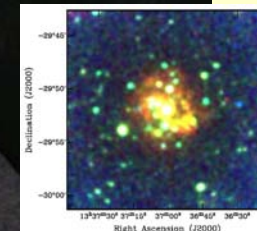
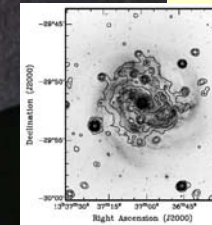
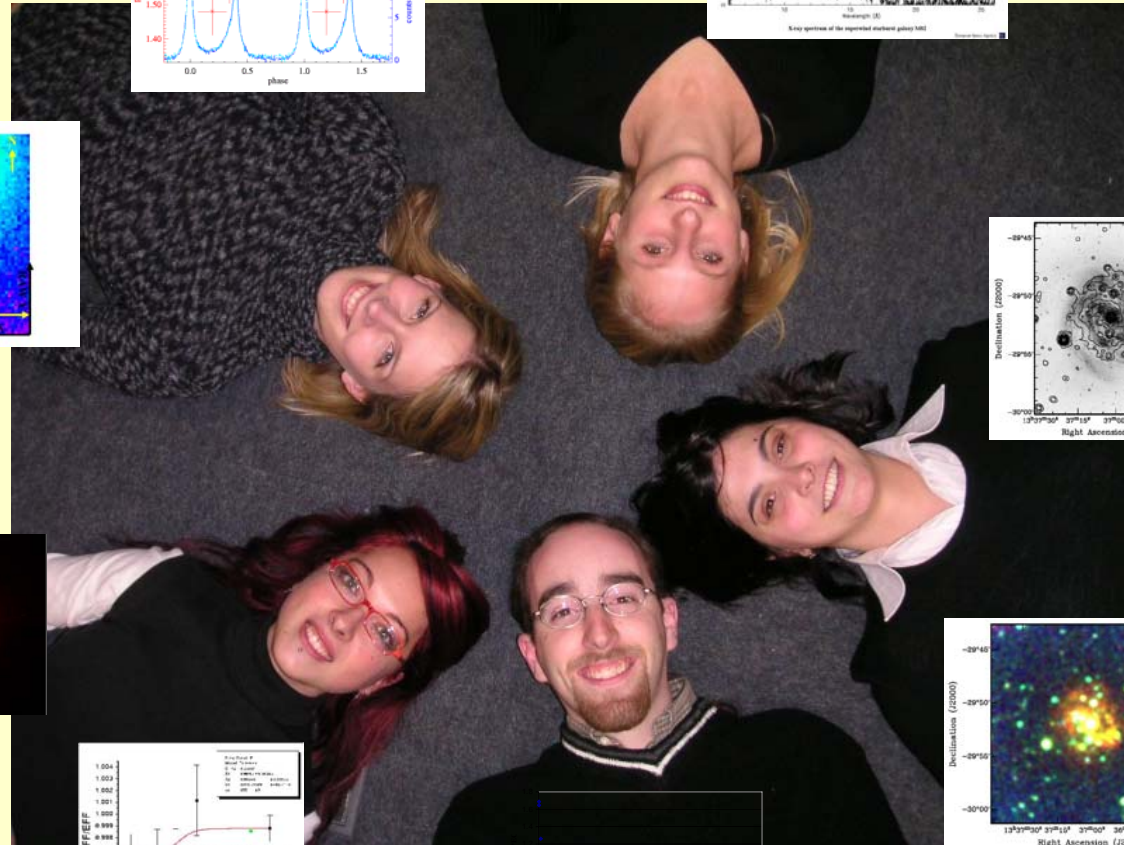
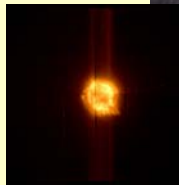
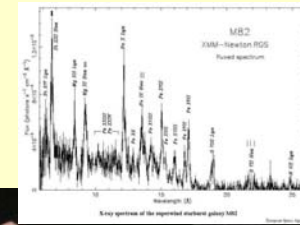
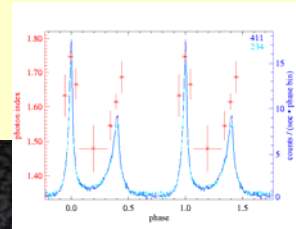
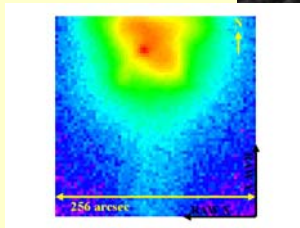
# History





# Trainee Project 2004

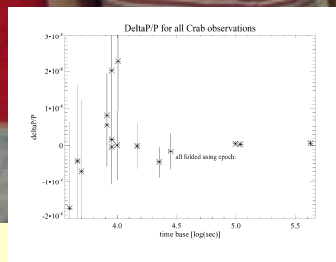
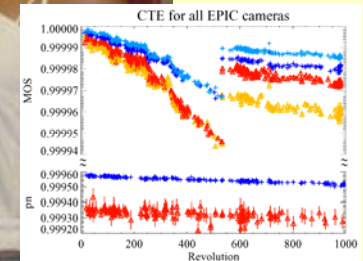
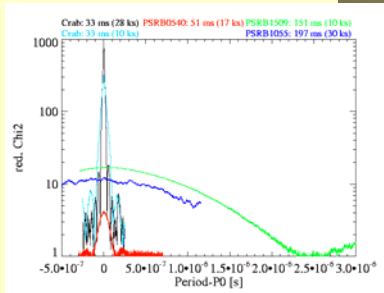
- 4 XMM-Newton
- 1 LAEFF





# Trainee Project 2005

- 6 XMM
- 1 LAEFF





# Trainee Project 2006



□ 11 XMM-Newton, 2 INTEGRAL, 1 ISO & 1 VO



# Trainee Project 2007



□ 11 XMM-Newton, 3 INTEGRAL, 2 LAEFF & 1 CSG





# Trainee Project 2008



□ 7 XMM-Newton, 3 LAEFF, 2 Planetary, 1 INTEGRAL  
1 Herschel, 1 ISO, 1 GAIA, 2 Education Office



# Trainee Project 2009

- 6 XMM-Newton
- 4 INTEGRAL
- 3 LAEFF
- 2 Planetary
- 1 Herschel



## → 16 Students:

- 12 Non Local & 4 Local (9 ES, 3 FR, 2 IE & 2 UK)
- 12 Physics, 3 Engineering, 1 Computer Engineering
- 7 post grads, 9 pre grads
- From: UCM, UPM, Uni of Paris, Obs. Paris, Ecole Nantes, Uni College Dublin, UCL, Uni of La Laguna, Uni of Leeds, Uni of Linköping, Uni of Valencia.



# Goals for 2009/2010

- ❑ **Improve the application and selection process.**
- ❑ **Maintain collaboration with current institutes (MPE, University of Tübingen, Erlangen, Leicester, Warwick, Linköping, Kiev, etc).**
- ❑ **Increase the number of participating institutions by involving ESAC Education office, ESAC faculty contacts and people contacts.**
- ❑ **Continue with the number of International students (5-10 per year), increase the range of EU countries whilst also having a good representative of local students.**
- ❑ **Increase ESAC profile as an 'International' Science Centre.**
- ❑ **Continue with the Trainee Alumni and Winter Meetings.**
- ❑ **Keep with same funding as of 2009.**
- ❑ **Further ideas welcome – email [deborah.baines@sciops.esa.int](mailto:deborah.baines@sciops.esa.int)**