The ESAC Trainee Project

Deborah Baines
(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

- 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.
Trainee Project 2004

- 4 XMM-Newton
- 1 LAEFF

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21 July 2009

European Space Astronomy Centre (ESAC)
Villafranca del Castillo, MADRID (SPAIN)
Trainee Project 2005

- 6 XMM
- 1 LAEFF

21 July 2009

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European Space Astronomy Centre (ESAC)
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Trainee Project 2006

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

21 July 2009

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European Space Astronomy Centre (ESAC)
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Trainee Project 2007

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

21 July 2009

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European Space Astronomy Centre (ESAC)
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Trainee Project 2008

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

21 July 2009

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European Space Astronomy Centre (ESAC)
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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
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