

# Is there a future for the ESAC training project

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### different trainee schemes

- Research Fellow (PhD)
- Young graduate Trainees (post graduate)
- Spanish Portuguese Trainee (post graduate)
- Student placements/stagiaires (pre/post graduates)

Only those are discussed in this presentation

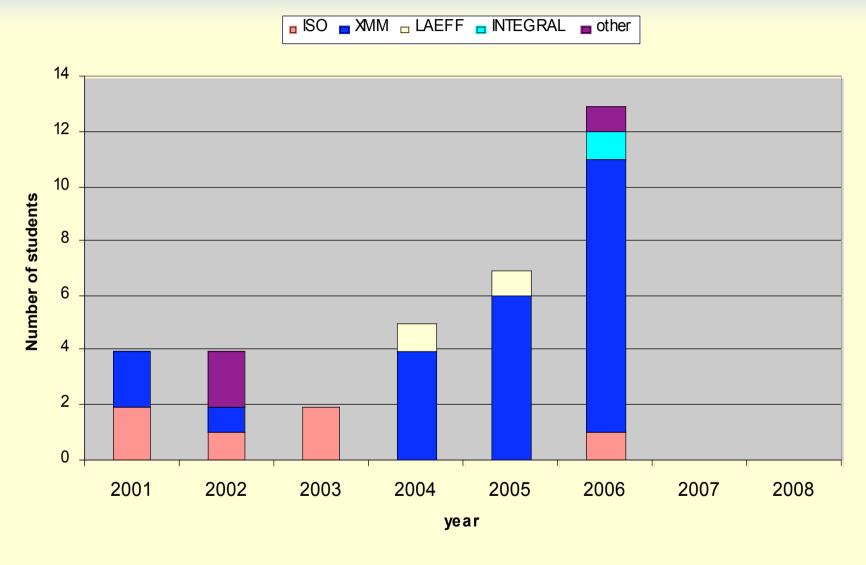


## basis of project

- ESA internship/Student placements
   See: http://www.esa.int/SPECIALS/Careers\_at\_ESA/SEMSB5XO4HD\_0.html
- Students stay for 3-6 month
- Agreement between VILSPA and UCM for credit point work at VILSPA as of 2000
- MK founded in 2004 the XMM-EPIC trainee project
- MK since Feb 2005 ESAC local trainee contact replacing Willem
- Local students get 10 Euro per working day
- Non local students get 20 Euro per day (also weekend)
- Students that do diploma thesis get NOTHING at all !!!

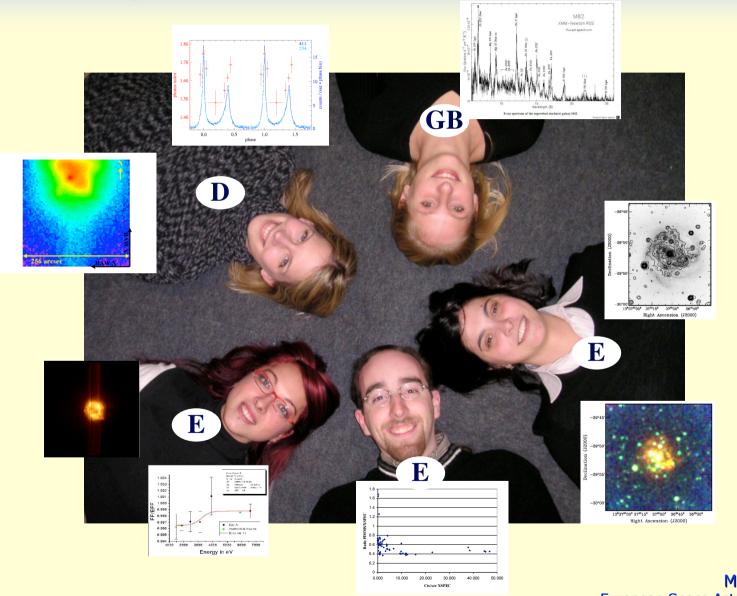


## history

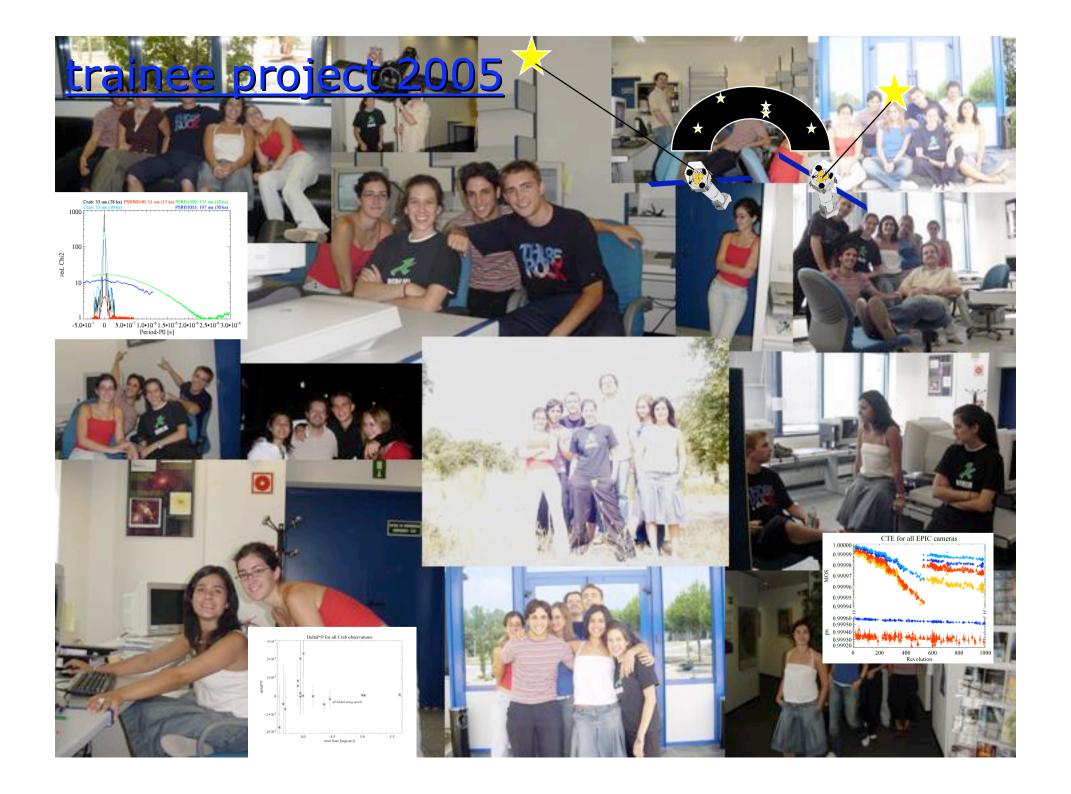




trainee project 2004



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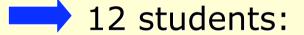
trainee project 2006

XMM-Newton: 9

Integral: 1

• ISO: 1

Virtual Observatory: 1



- 3 non local
  - Computer Science (Germany)
  - Aeronautics (Germany)
  - Physics (Sweden) (Diploma Thesis)
- 9 local (2 mathematics, 7 physics pre-grads)

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## still open posts for 2006

- XMM-Newton: 4
- Integral: 1
- Herschel: 2
- Virtual Observatory: 0
- Computer Support: 2
- PR:1

http://xmm.vilspa.esa.es/external/xmm\_links/trainee/index.shtml

These jobs are advertised on the web and could be started any time



### financial support till now

- HR-ESOC only supports around 3-5 students per year up to 6 month (always only vague statements and no guaranty)
- Situation this year:
  - 9 Local Students
    - NO money for the first 3 month (credit points)
    - Funding of 3 students for 2 month (200 Euro/month) by HR
  - 2 non local students from Germany for 6 month funded by HR (600 Euro/month)
  - Contractor companies as sponsors (possibly 2-3 students 200 Euro/month)
- → This situation is not acceptable especially taking the travel cost situation to ESAC into account



#### Possible situation as of 2007

- NON local trainees (2-3)
  - Funded by HR (600 Euro/month)
  - trainees for 6 month (not only science projects can apply!!)
- Local trainees (4-8)
  - Pure Scientific trainees funded by ESAC faculty (200 Euro/month or more for 3-6 month)
  - Cal/Ops trainees funded by ??? (Projects, Contractor Companies, external funding)
- Local master students (UCM/UAM) (2)
  - Funded by faculty, Funded by projects or external funding
  - Candidates: Antonio Martin (XMM), Laura Barragan (Integral)



All in all 6-13 trainees



## office space

- B27 and SAS workshop room will be used to cope with visitors and trainees
- This should give permanent space for up to 18-20 people



Office space is not a problem



### Goals for 2007

- establish again a group of trainees not only trainees working in different projects --> this gets more difficult with the more projects we have and the less work of the students has to do with each other
- establish master degree collaboration with UCM/UAM
- exploit SPIE support (found local SPIE student group
   --> SPIE pays travel and conference fee for one of the
   students, San Diego California )
- take part with some of the students at 14th Young Scientists Conference on Astronomy and Space Physics April 23-28, 2007 Kyiv, Ukraine <a href="http://ysc.kiev.ua/">http://ysc.kiev.ua/</a>
- maintain collaboration with MPE, University of Tuebingen, Erlangen, Leicester, Warwick, Linkoeping, Kiev
   participate at XMM-EPIC consortiums meeting UK
- continue with the trainee alumni meeting if you think that this is useful



