

# Pre graduate trainees at ESA/ESAC

Marcus G. F. Kirsch

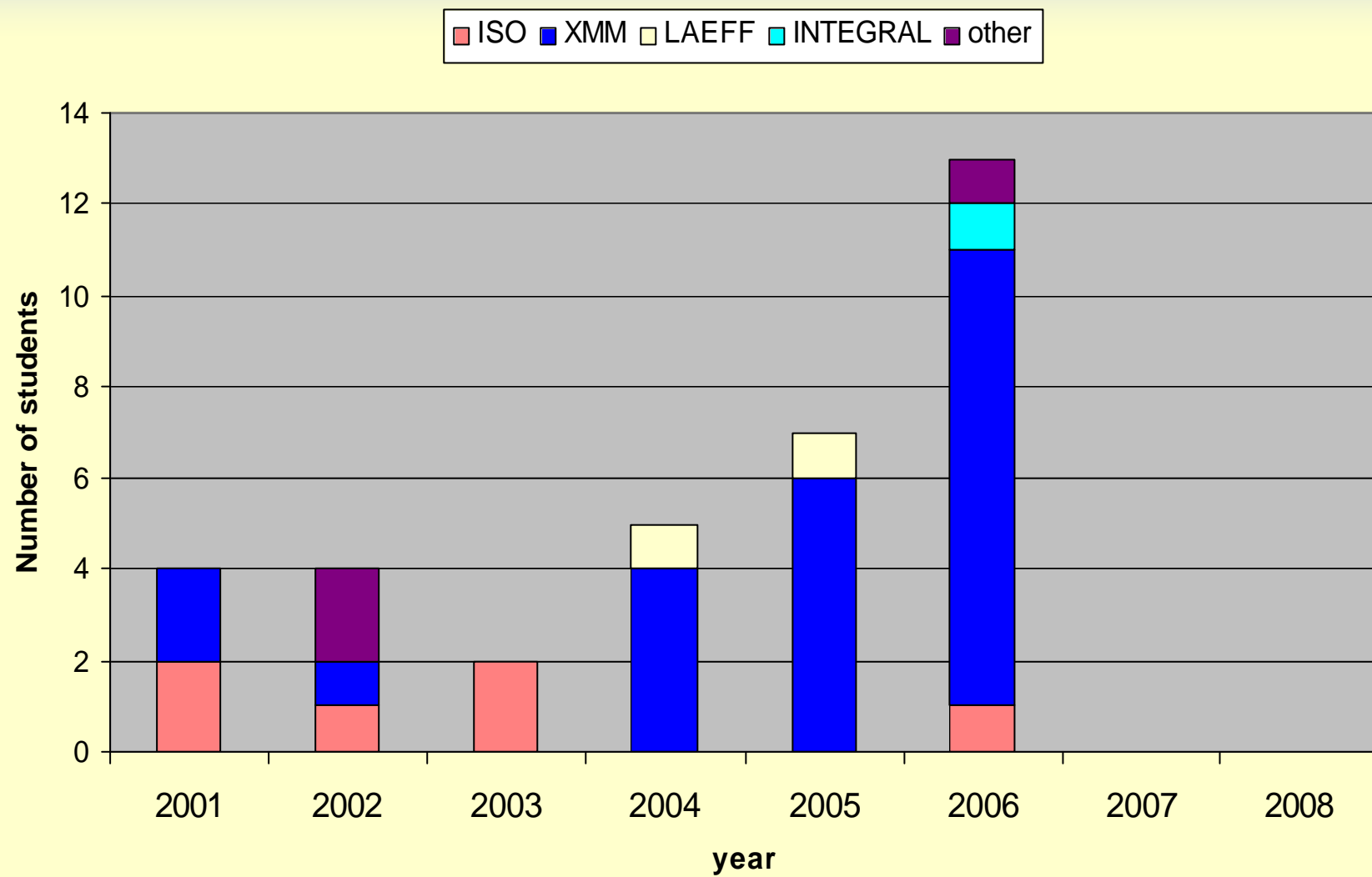
## Different trainee schemes

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

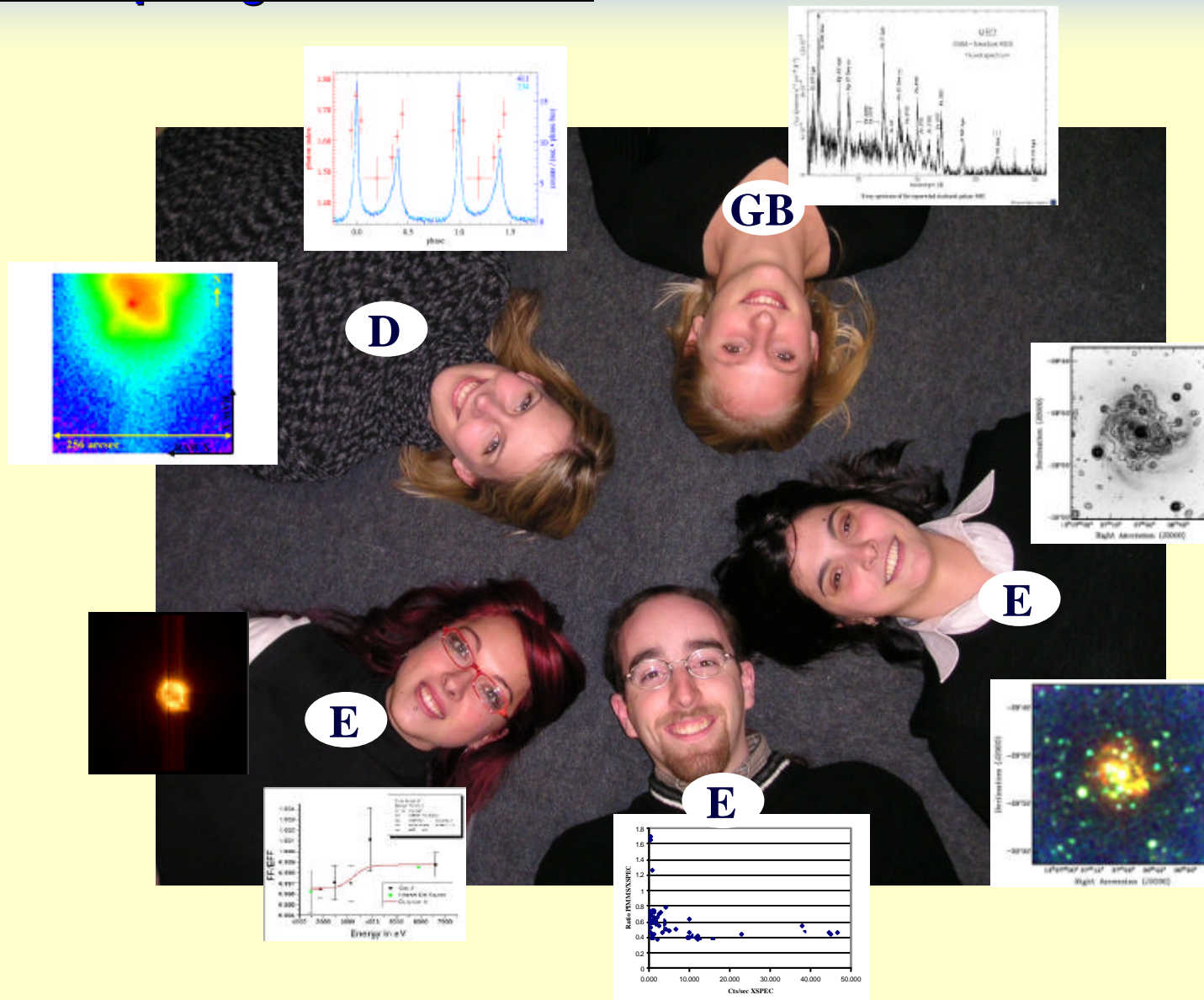
# Basis of project

- ESA internship/Student placements  
see: [http://www.esa.int/SPECIALS/Careers\\_at\\_ESA/SEMSB5XO4HD\\_0.html](http://www.esa.int/SPECIALS/Careers_at_ESA/SEMSB5XO4HD_0.html)
- Agreement between VILSPA and UCM for credit point work at VILSPA
- MK since Feb 2005 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 !!!

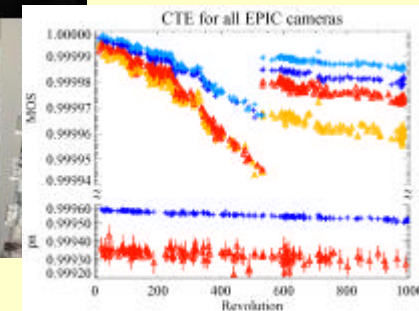
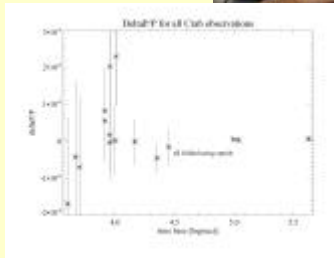
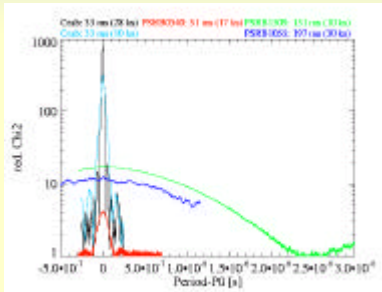
# history



# Trainee project 2004



# Trainee project 2005



## Trainee project 2006

- XMM-Newton: 9
- Integral: 1
- ISO : 1
- Virtual Observatory: 1



## Open posts 2006

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



## Financial support

- HR-ESOC only supports around 3-5 students per year up to 6 month (always only vague statements and no guaranty)
- Situation this year:
  - Local Students get NO money for the first 3 month (where they get their credit points)
  - If local students and tutor want extend we will ask ESCO after the 3 month for the 10 Euro/per day for as many people as we can get
  - 2 non local students from Germany for 6 month
  - Contractor companies want to sponsor

→ This situation is not acceptable especially taking the travel cost situation to ESAC into account

## Possible future

- how many trainee month do we want per year → this is restricted by office space and financial support
- Offices (currently B27 and XMM-SAS workshop room) can accommodate 9+6 students
- Financial support should be aimed for ALL students  
Estimate
  - 6 NON local →  $4 * 6 * 600 = 14.4$  kEuro
  - 8 local →  $8 * 6 * 200 = 9.6$  kEuro
  - some travel budget to allow students to join with their tutor meetings or student conferences ( $14 * 500 = 7$  kEuro)→ 31 k per year
- this would guaranty a solid project
- part of it could be financed by HR, part by the faculty, part by the contractor companies
- Need of a centralized web site. Currently on XMM-Newton pages.