

Trainee at the European Space Astronomy Center
What is it all about?

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The Center



- Closest bus stop - 2 km
⇒ Get a ride
- Cafeteria, where you eat lunch
- Activity Clubs: football, tennis, etc.
- Guards requiring ID and ESAC badge the first days

The People



- Other Trainees
- The Supervisors
- The Staff at ESAC

The Concept of the Project

The Phases:

- **Read** the documentation and **learn** the software
- Further **confine** the project with your supervisors
- **Process** the data
- **Present** the results

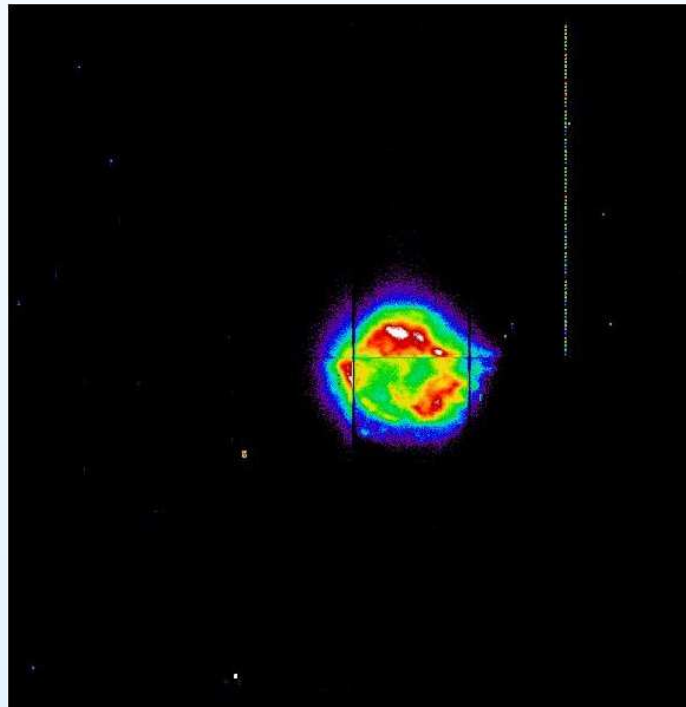


My Project (1)

EPIC-pn can operate in different modes.

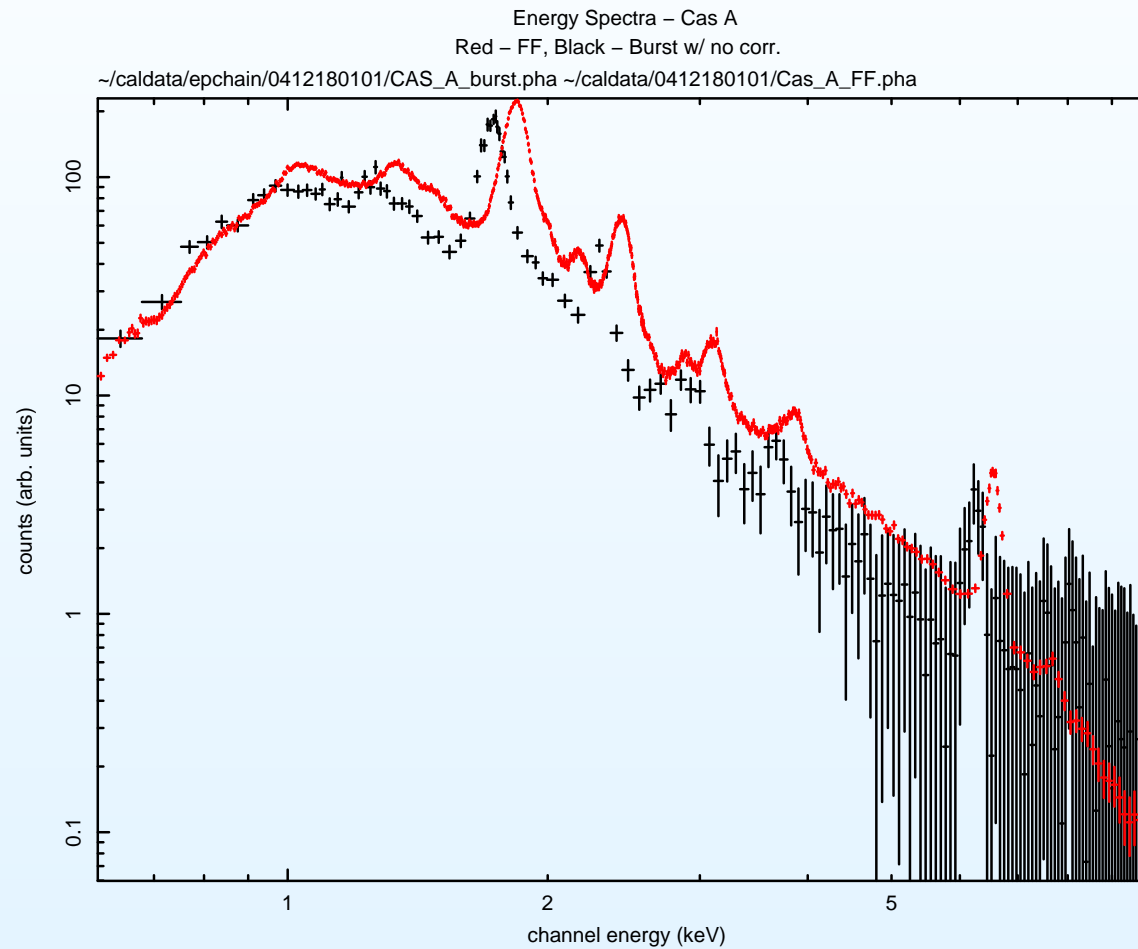
Energy spectra can be retrieved from each mode. These should coincide, which is not always true.

Take a line-rich source such as Cassiopeia A



My Project (2)

Differences between the two modes before the correction:

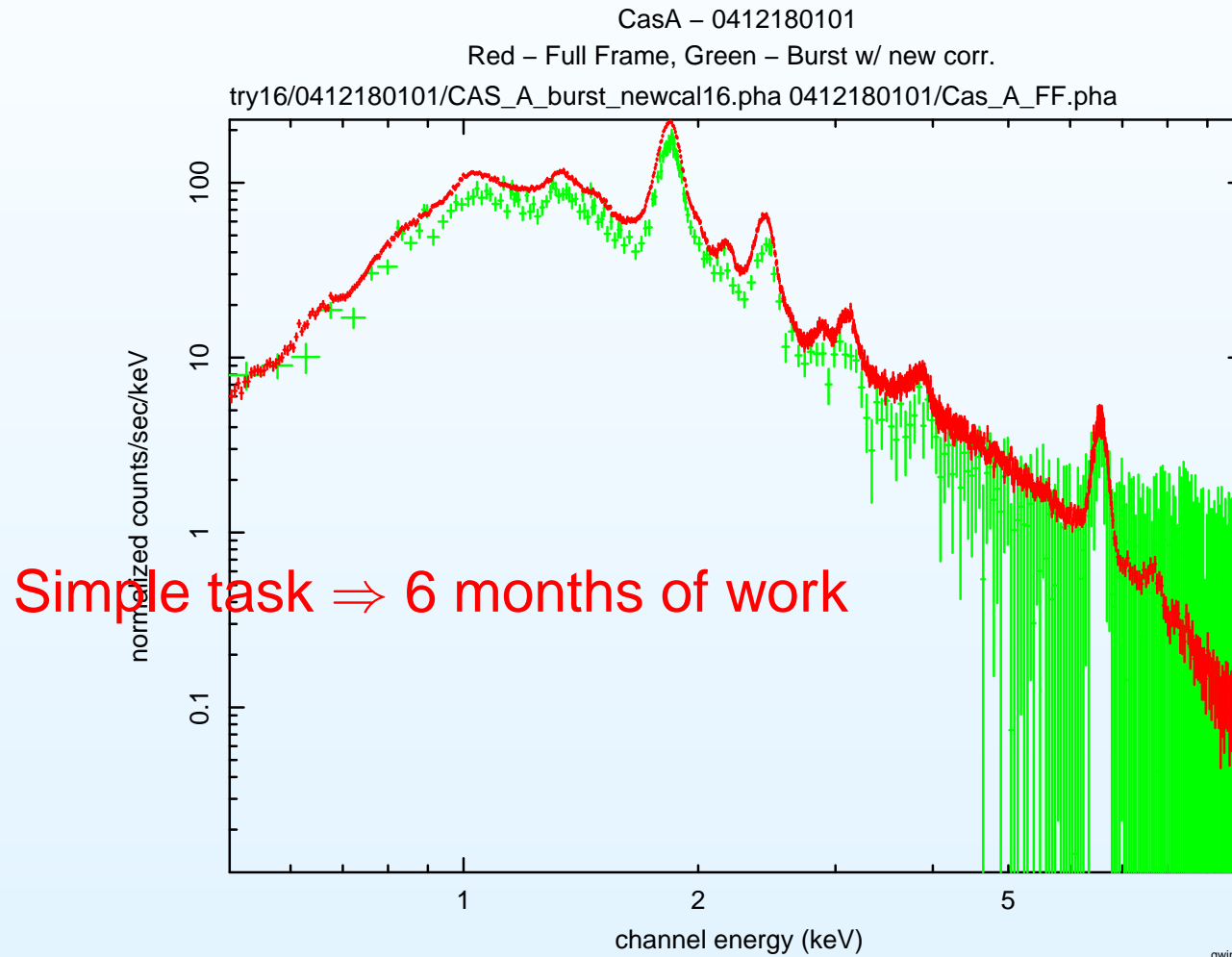


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My Project (2)

The two spectra after correction:



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