

Is this initiative properly aimed?

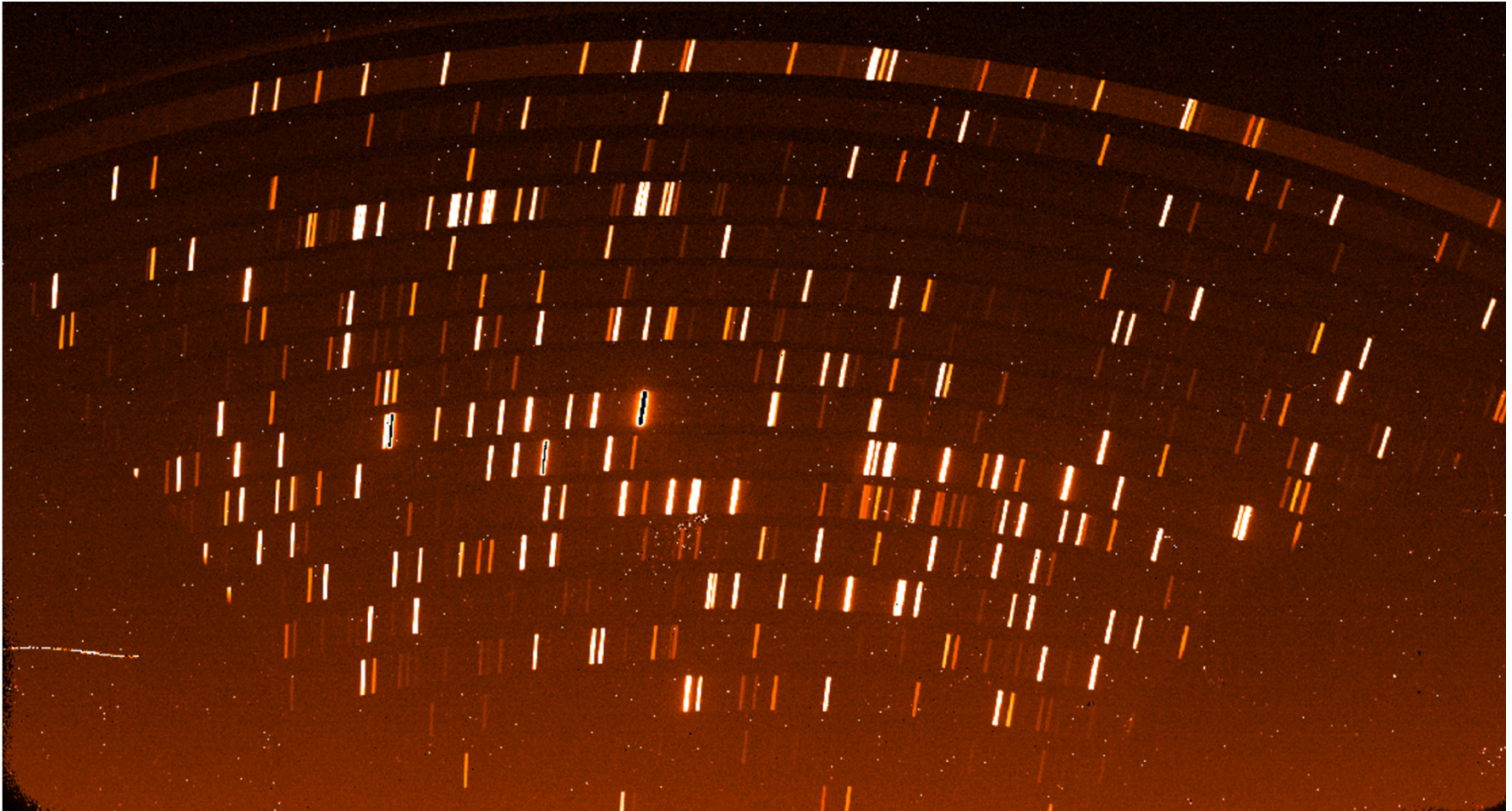
Optimizing data quality and science by focusing on the design, calibration and maintenance of the spectrometers.

Is this initiative properly aimed?

The analysis of data is too often considered as a task that must inevitably accept and correct the problems related to the instrumentation.

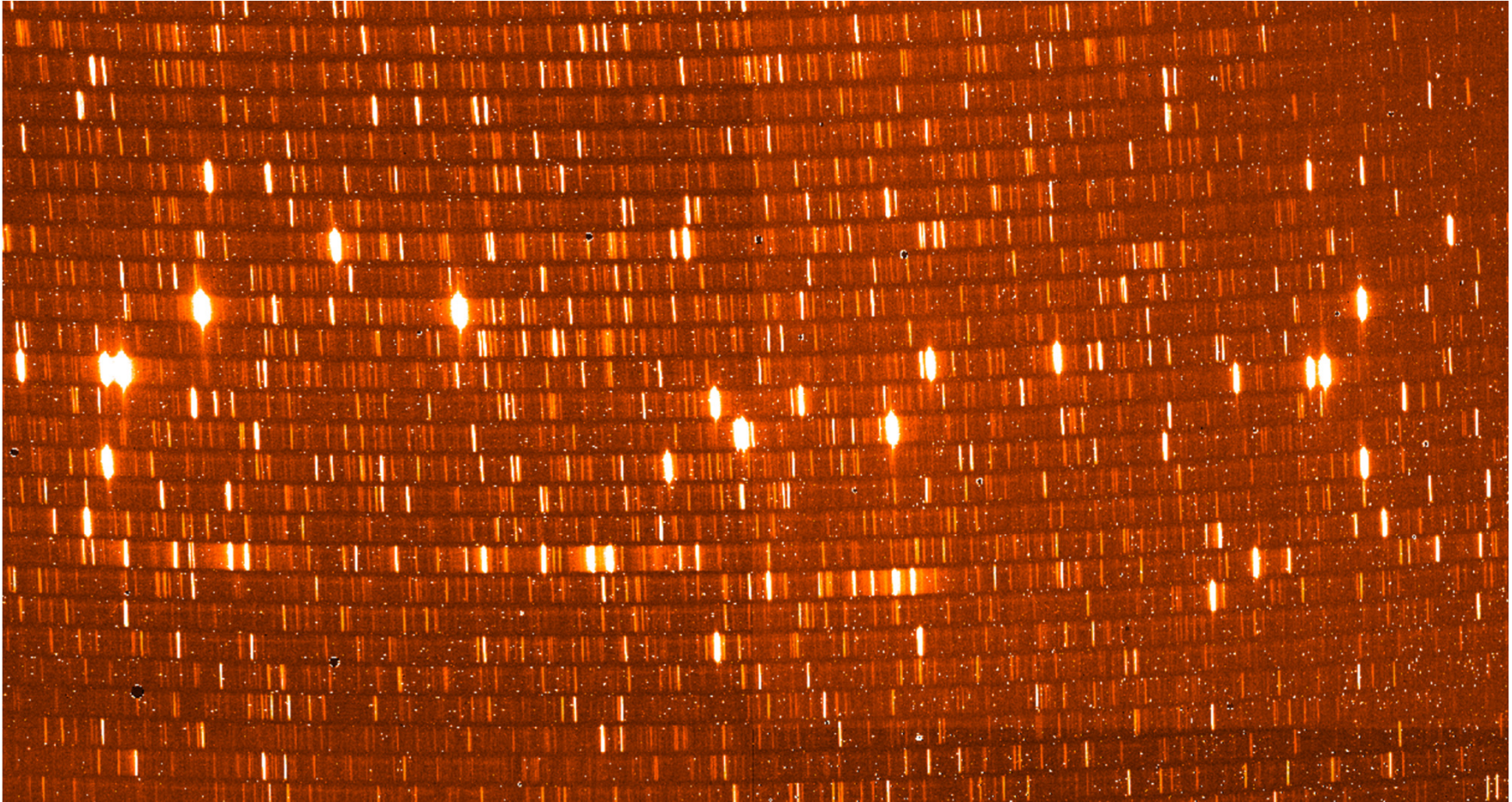
Many FTEs are therefore dedicated to developing tools and tricks to mitigate these problems; and when these FTEs are not available the data are inefficiently used.

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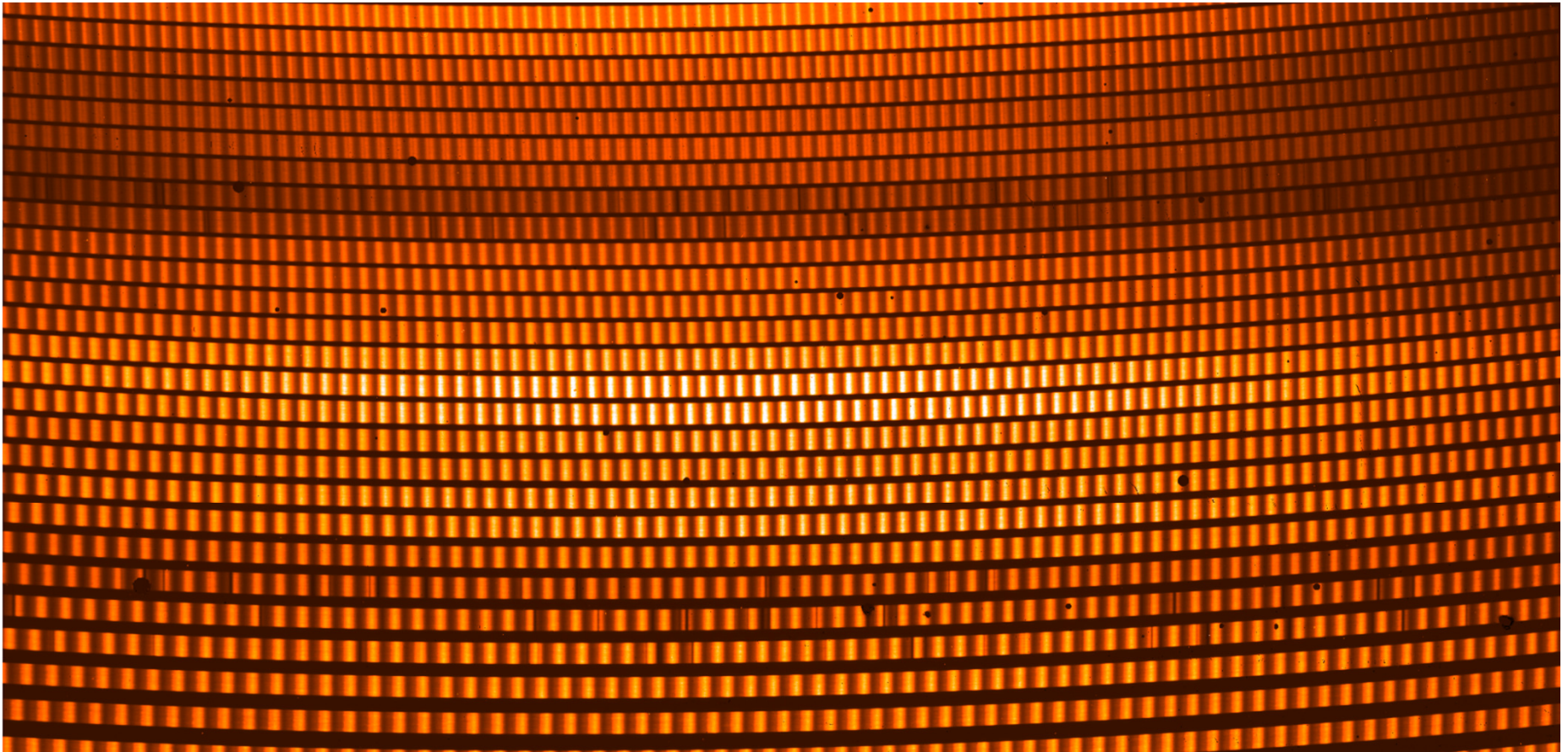
Example: X-shooter. Slit tilt? ADC? Both could be fixed....

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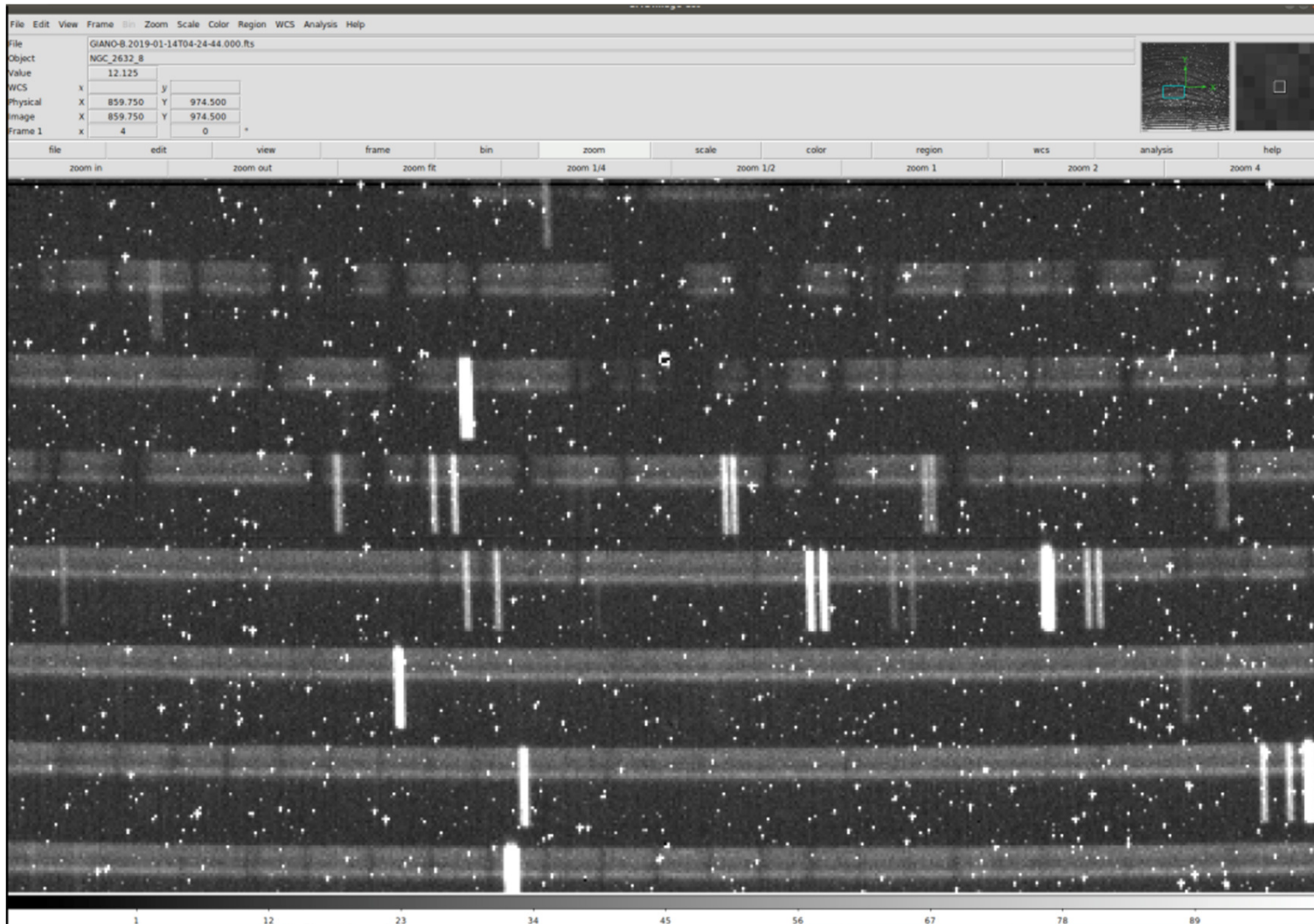
GIANO: why are we forced to only use this calibrator once a night..

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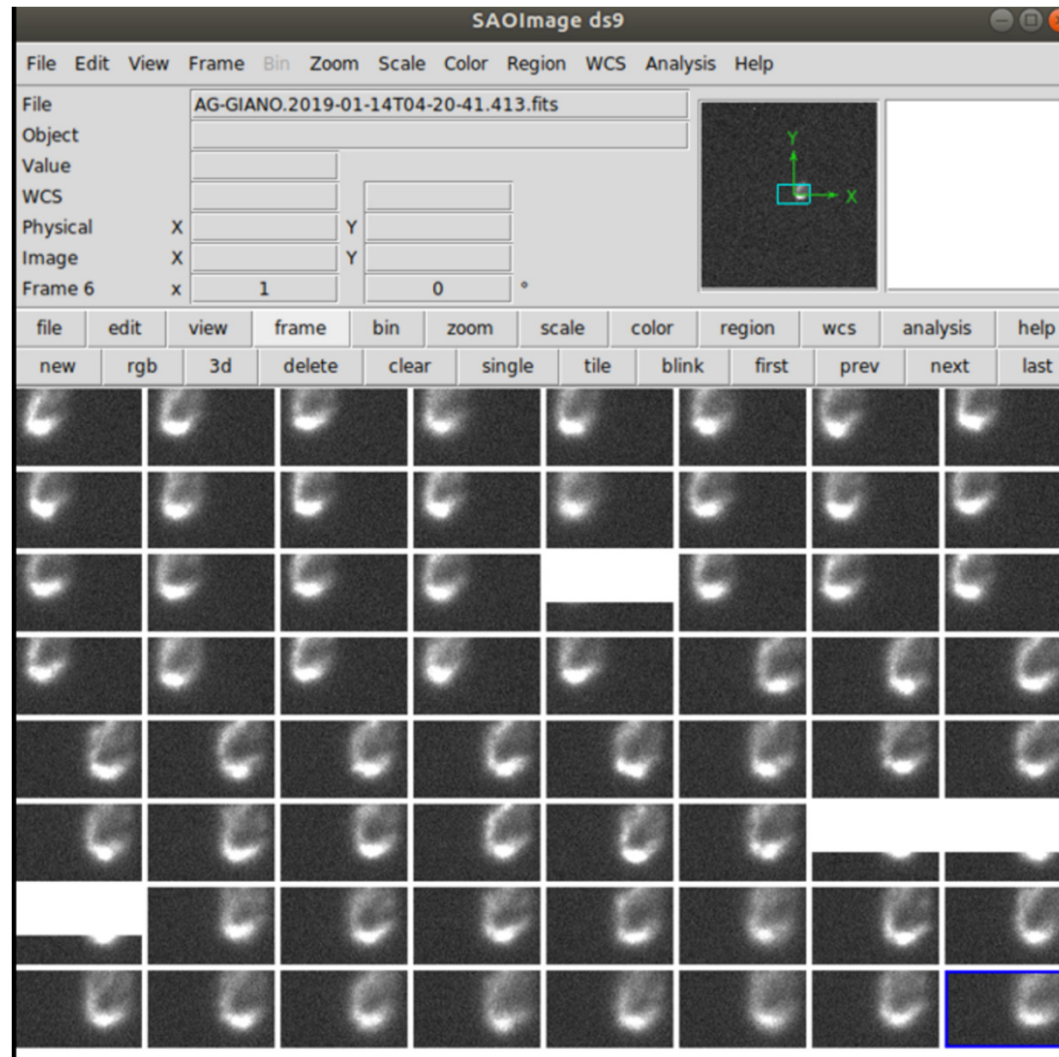
... when one could use this as often as one needs???

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Spectra showing an unexpected double star?

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... or just a defocused telescope ??????

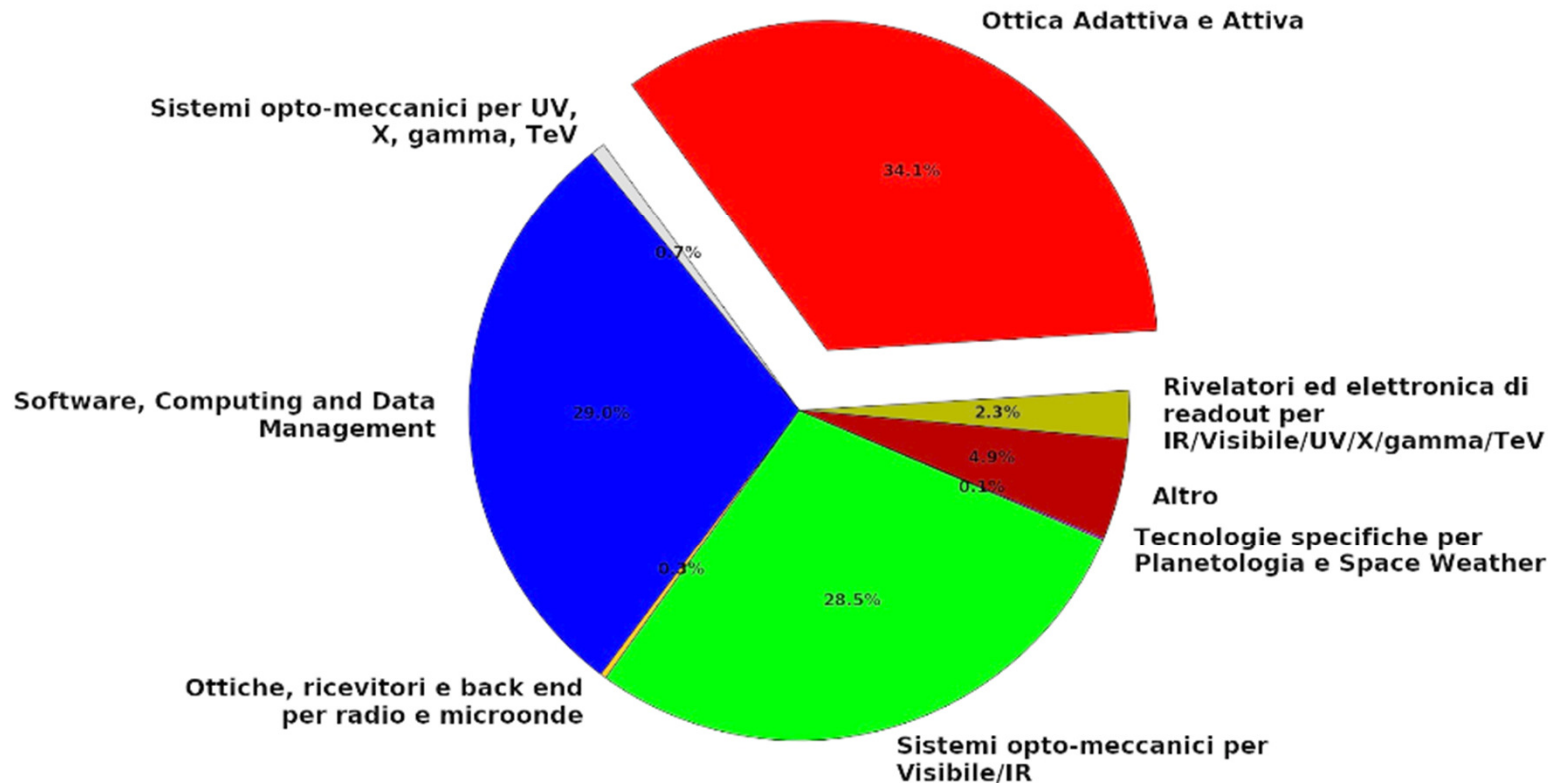
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The analysis of data is too often considered as a task that must inevitably accept and correct the problems related to the instrumentation. Many FTEs are therefore dedicated to developing tools and tricks to mitigate these problems; and when these FTEs are not available the data are inefficiently used.

In most cases, the instrumental problems can be solved using fewer efforts and resources. Unfortunately, this very rarely occurs because of the traditional approach that separates the "instrumentation technologists" from the "astronomers analysing the data".

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%FTE 2017 Progetti di nuova strumentazione ottica da Terra: Tecnologie Abilitanti



... that separates the "instrumentation technologists" from the "astronomers analysing the data"....

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A coordination facility for spectroscopy could be the ideal opportunity to create a constructive collaboration between the groups that seldom communicate.

Leaving instrumental technology (and science!!!) out of the initiative is not acceptable because it would just aggravate the separation and decrease the overall efficiency of the work.