

## First asteroseismic results from CoRoT

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### Abstract

About one year after the end of the first observational run and six months after the first CoRoT data delivery, we comment the data exploitation progress for different types of stars. We consider first results to illustrate how these data of unprecedented quality shed a new light on the field of stellar seismology.

### Conclusions

The CoRoT data fulfil expectations in terms of noise level, duration of the runs and continuity of the observations. The analysis of the light-curves allows to explore stellar variability at an unprecedented level of precision and for an unprecedented range of time scales. The first interpretation studies confirm the great help we can expect from these data to improve our understanding of stars structure and evolution. These results also confirm space photometry as an efficient component of the strategy to develop stellar seismology.

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