

Red Giants Team

Status Report

Joris De Ridder
(Team Coordinator)

Red Giant Team Meeting

- Team meeting on February 1, 2006 in Vienna
- All institutes with red giant proposals were represented
- Discussions about:
 - Target selection
 - Pre-launch preparations
 - Post-launch organisation
- Next meeting: Leuven, 2007

Target Selection

- **Completed & Submitted**

(thanks to Magali for collab.!)

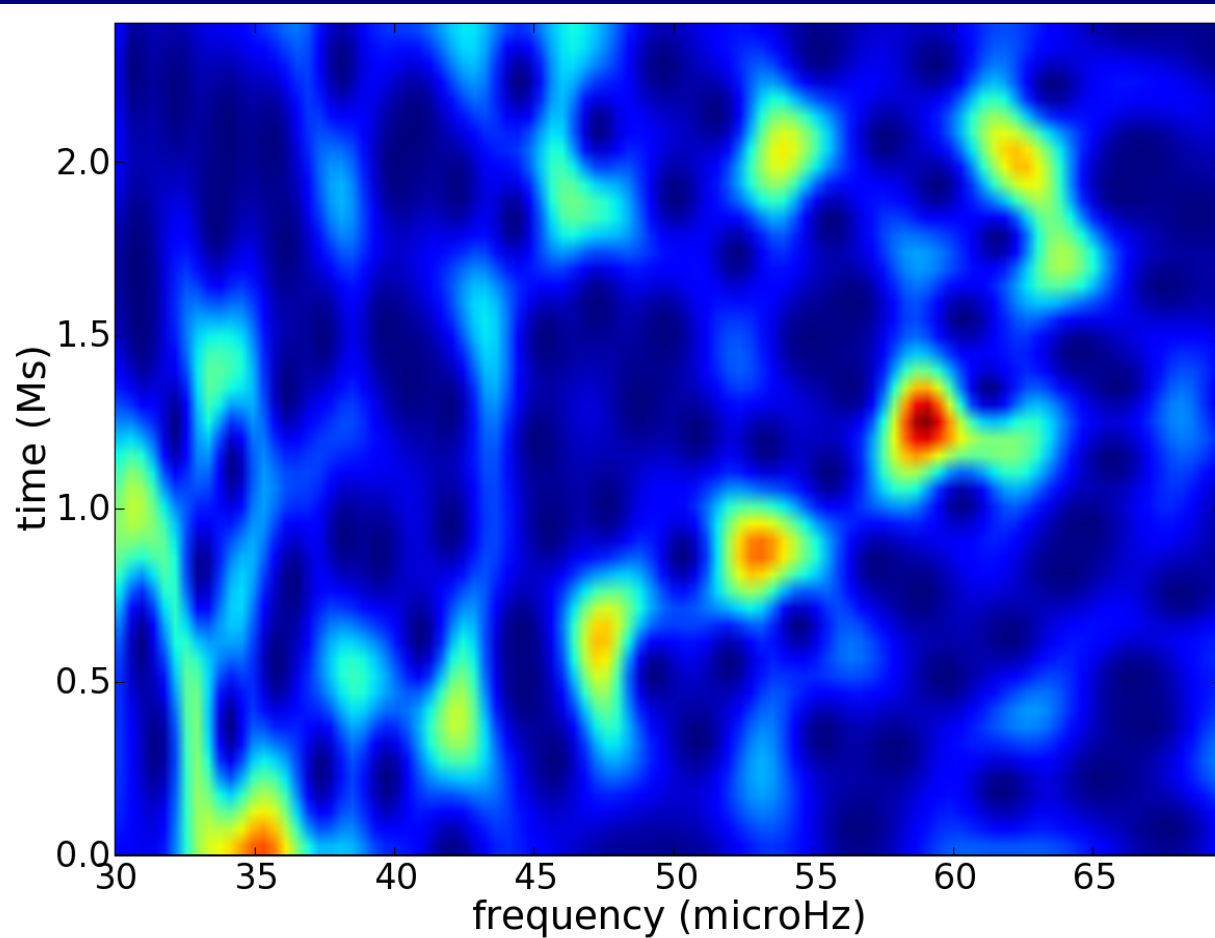

→ Selection of 192 red giants in the exofield around HD181555

→ Selection of 366 red giants in the exofield around HD49933

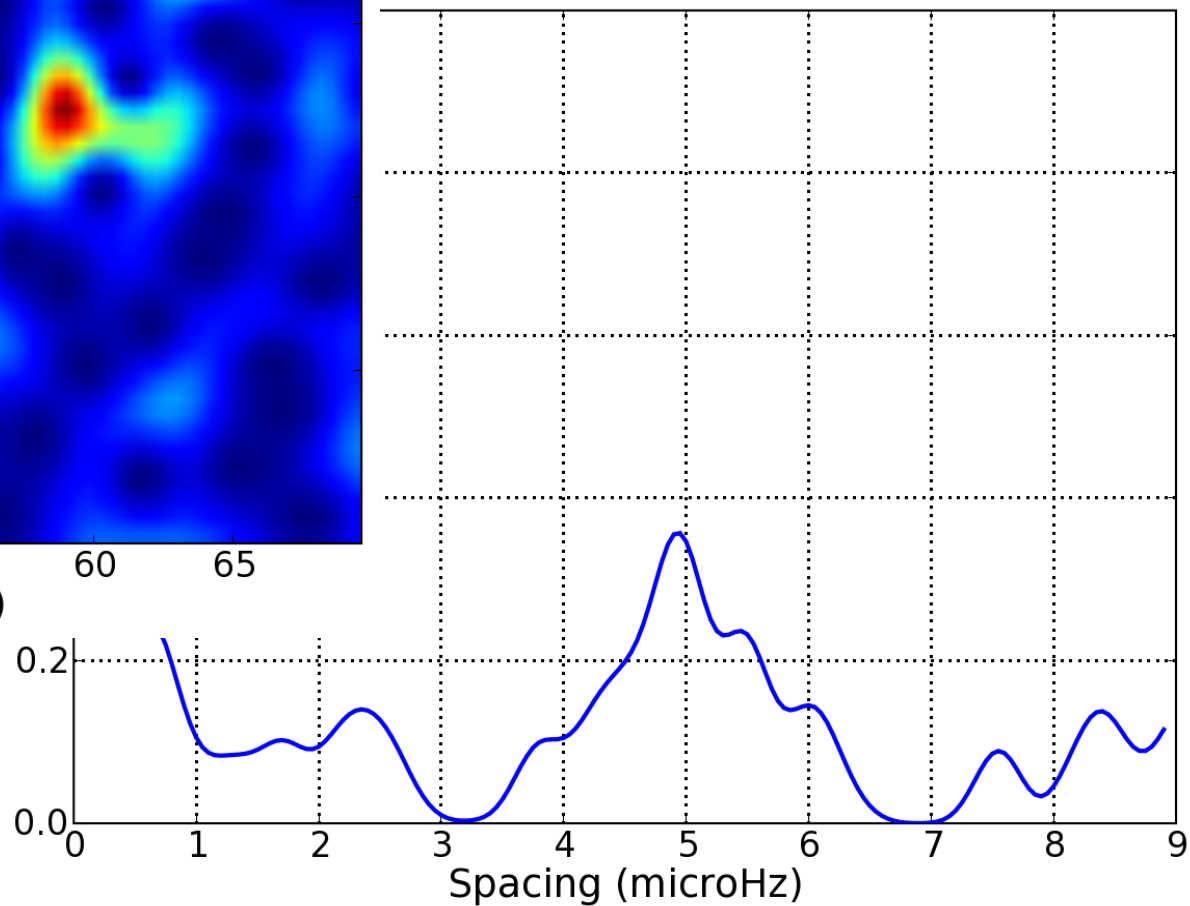
Observational Preparations

- Limited testing and comparing of time-frequency analysis codes
 - on synthetic red giant time series
 - glad we did it!
 - led to a better understanding of computer codes
- Part of the RG team is developing codes to analyse red giant time series of MOST.
 - will also be used to analyse COROT time series

Observational Preparations



Epsilon Ophiuchi
MOST time series



Theoretical Preparations

- Olga Moreira: PhD Student @ University of Liège
 - fulltime research on red giant modeling
 - large mass concentration in red giants makes the problem numerically challenging
 - good progress is being made
- Steven Delrue: Master student @ KULeuven next year
 - empirical modeling of red giant granulation

**We're looking forward to analyse
COROT time series of red giants!**