

Exoplanet program : status

— [Run reports papers

LRa01 run report : Carone et al., submitted

SRc01 run report : Erikson et al. submitted

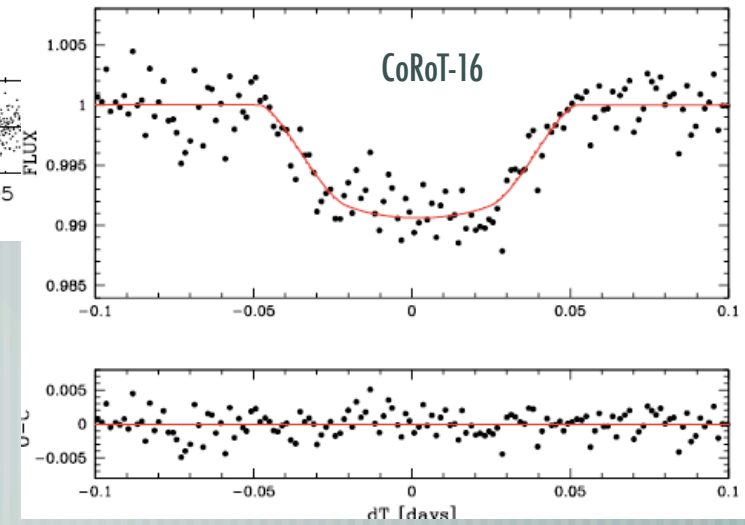
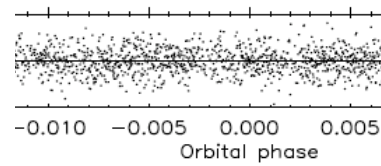
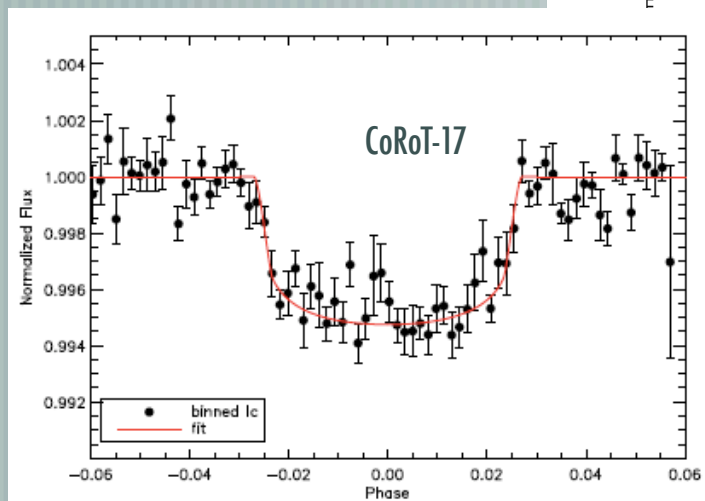
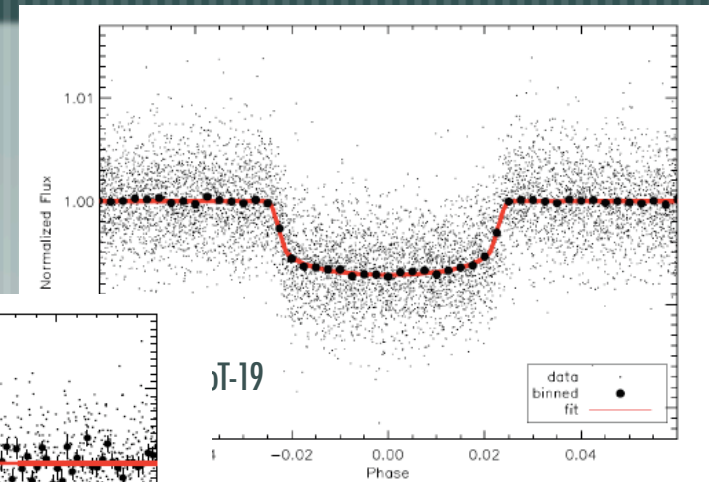
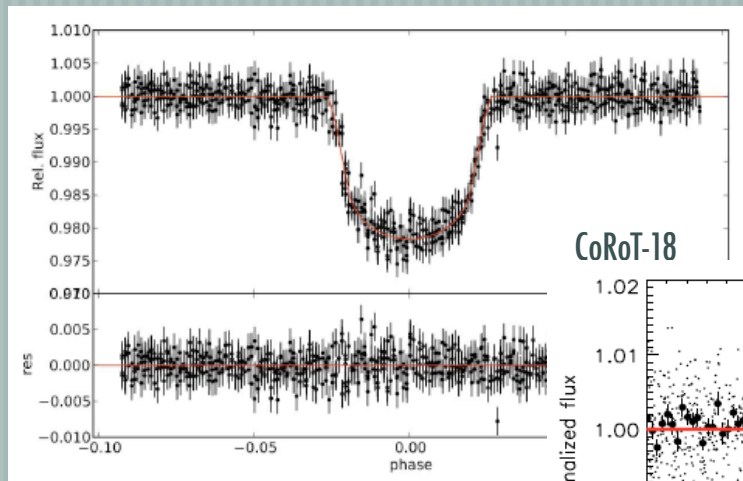
In short:

- “recommends publication after substantial revision”
- main criticism of referee focus on
 - 1) the purpose of this type of paper
 - 2) why we publish CoRoT results on a field-by-field basis.

Still in the pipe :

- LRc02 : Bordé et al.
- SRa01/SRa02 : Weingrill et al.
- LRa02 : Alonso et al.
- LRa03/SRa03 : Cavarroc et al.

Exoplanet program : status



Exoplanet program : new planets

16 to 21 : Jupiter-type planets

CoRoT-16b : Ollivier et al

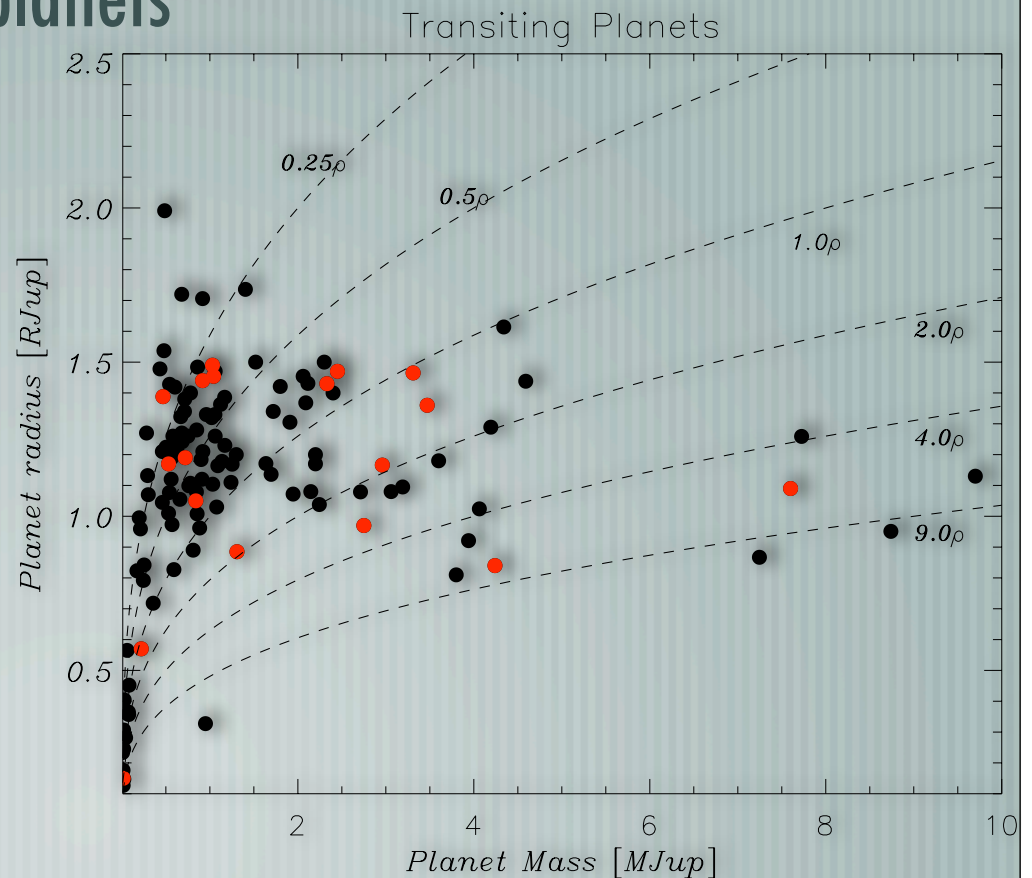
CoRoT-17b: Scizmadia et al. Accepted in A&A

CoRoT-18b : Hébrard et al.

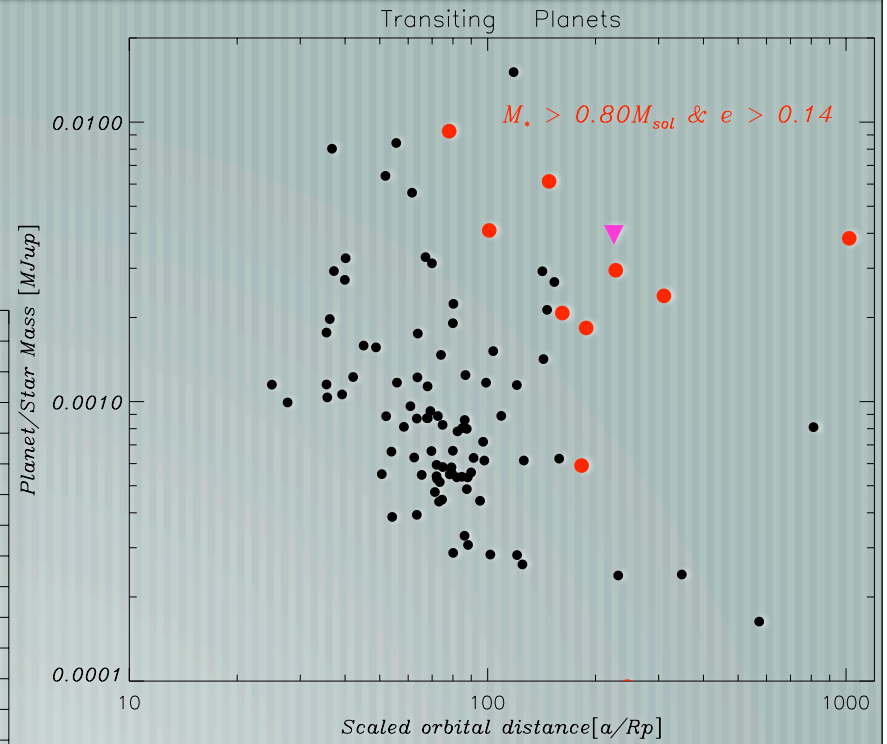
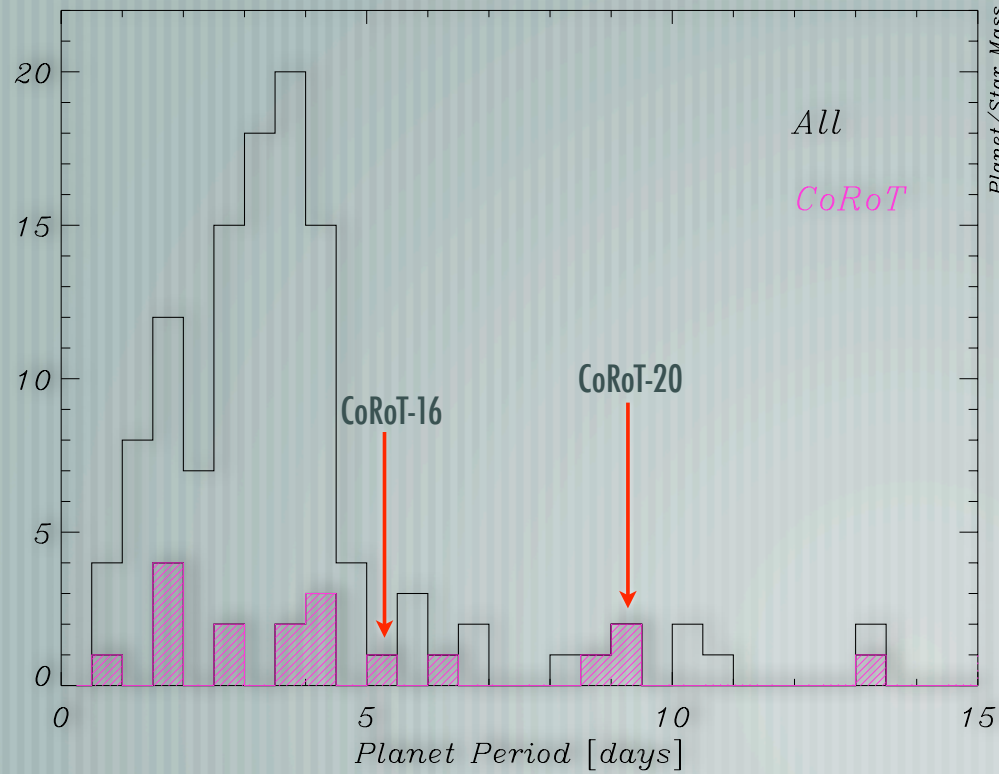
CoRoT-19b : Guenther et al.

CoRoT-20b : Deleuil et al.

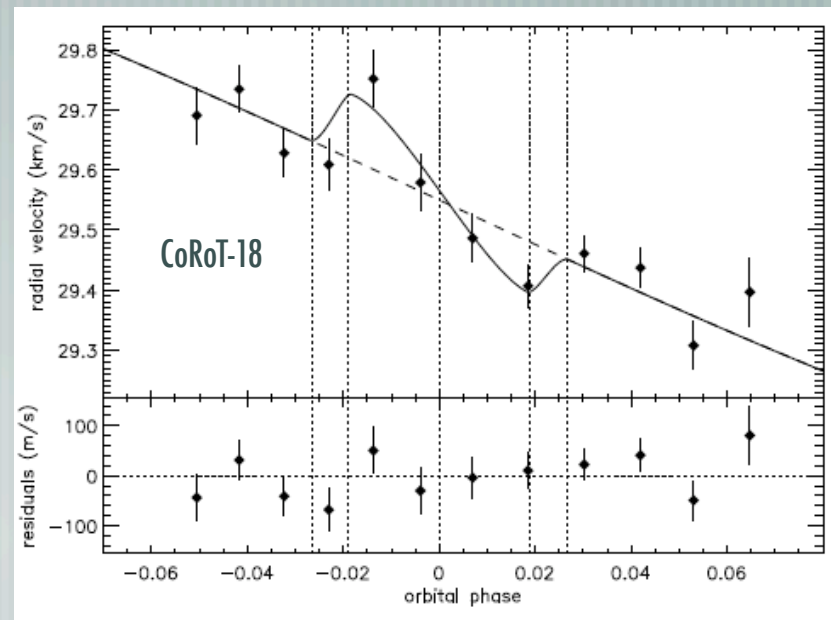
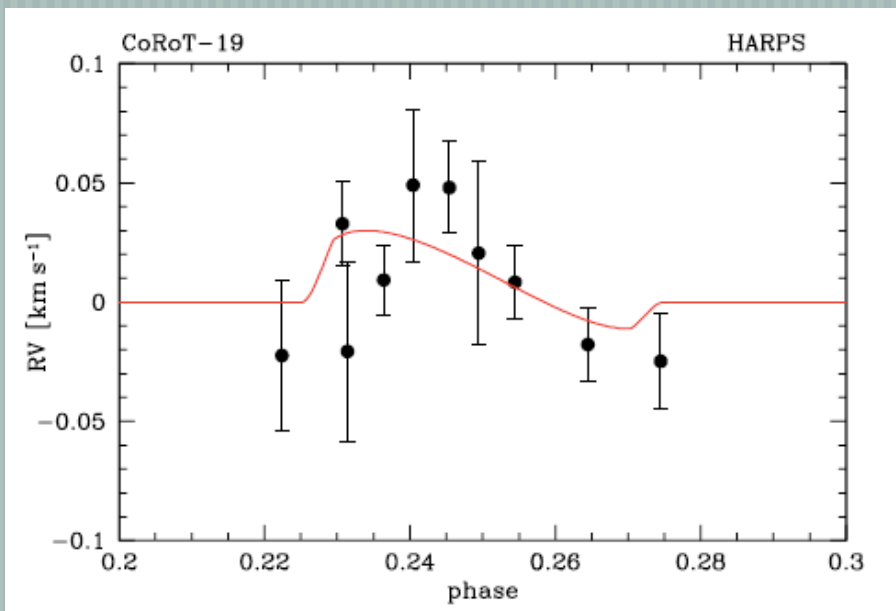
CoRoT-21b : Patzold et al.



Planets properties



Planets properties : spin - orbit alignment



Still under investigations

— [A second planet in the CoRoT-16 system ?

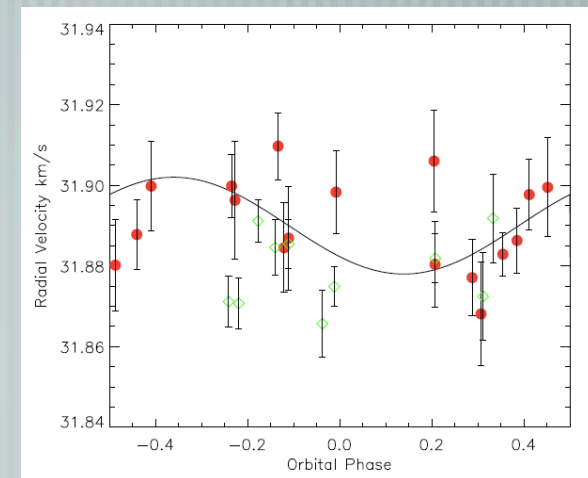
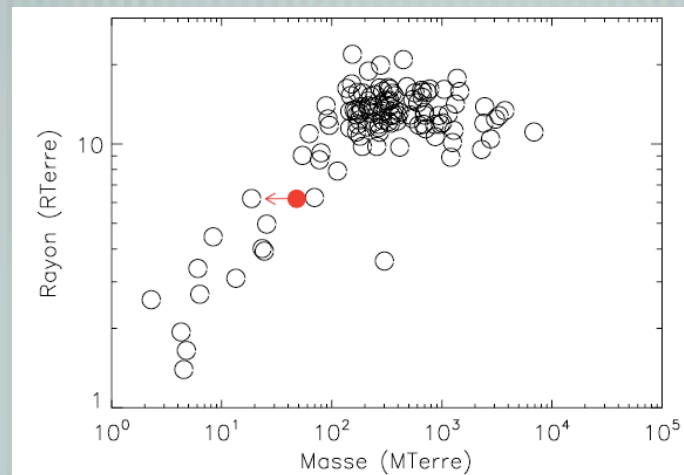
Radial velocity measurements still under analysis.

— [Planet or not planet?

COI-0591 or CoRoT-22 a super-Neptune?

Blend analysis is being performed based on both radial velocity and photometric measurements

Moutou et al.



And if you have any question such as ...

- What is really the mass of CoRoT-7b ?
- Which among these new planets are bloated and which are not ?
- What kind of blend analysis are performed ?
- How the CoRoT planets compare to other transiting planets ?
- How the planet modeling is performed ?
- What the stellar population in the exoplanet fields look like ?
- Are all the planets in the exoplanet fields already detected ?
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Please attend Roi's talks and others at the ...

Second CoRoT symposium !

