

Naming CoRoT planets found outside CEST

The problem

- Planets found by CoRoT Team: name (CoRoT-NNb) attributed by CEST
- Question: what about names of planets found around star CoRoT-xxxxxxxxx by astronomers outside CEST (where xxxxxxxxxxx is the standard CoRoT ID)?
- Pragmatic/aesthetic aspect: CoRoT-xxxxxxxxxb too long, CoRoT-NNb better:
 - Shorter
 - Keeps consistency with previous CoRoT-NNb names.
- **But:** which NN ?

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The solution of Kepler:

It is expected that many of the candidates listed in the attached Appendix will be followed up by members of the science community and that many will be confirmed as planets. **To avoid confusion in naming them, it is suggested that the community refer to Kepler stars as KIC NNNNNNNN** (with a space between the 'KIC' and the number), where the integer refers to the ID in the Kepler Input Catalog archived at MAST. For planet identifications, a letter designating the first, second, etc. confirmed planet as 'b?', 'c?', etc. should follow the KIC ID number. At regular intervals, the literature will be combed for planets found in the Kepler star field, **sequential numbers assigned, the IAU-approved prefix ('Kepler?') added, and the information on the planet with its reference will be placed in the Kepler Results Catalog.** Preliminary versions of this catalog will be available at the MAST and revised on a yearly basis.

Borucki et al. ApJ 728, 117, 2011

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A possible solution

- Let discoverers outside CEST publish their planet under name CoRoT-xxxxxxxxxb (since the CoRoT-ID is public)
- Let CEST decide afterwards a CoRoT-NN b name

Whatever is decided by the CoRoT CS:

- Make this « decision » public at the Marseille CoRoT Symposium
- In parallel send around this « decision » in a message to the world-wide Exoplanets distribution list