

CoRoT Highlights in exoplanetology

C. Moutou (1), M. Deleuil (1), R. Alonso (2), F. Bouchy (3,4), and the CoRoT team

(1) Laboratoire d'Astrophysique de Marseille, 38 rue Frédéric Joliot-Curie, 13388 Marseille cedex 13, France

(2) Observatoire de Genève, Université de Genève, 51 Ch. des Maillettes, 1290 Sauverny, Switzerland

(3) Institut d'Astrophysique de Paris, UMR7095 CNRS, Université Pierre & Marie Curie, 98bis Bd Arago, 75014 Paris, France

(4) Observatoire de Haute-Provence, CNRS/OAMP, 04870 St Michel l'Observatoire, France

Abstract

The CoRoT satellite is the first instrument hunting for planets from space. We will review the status of the CoRoT/Exoplanet program. We will then present the CoRoT exoplanetary systems and how they widen the range of exoplanet properties and contribute to our understanding of these objects.



Figure 1: The Corot Space Telescope