



## HAO Colloquium Series

(Refreshments served)

**Speaker:** Joergen Christensen-Dalsgaard, University of Aarhus

**Time:** 3:00–4:00 pm

**Date:** Friday, August 12, 2011

**Location:** CG1, Room 3131

**Title:** News from Kepler

**Abstract:**

The Kepler mission has now been in full operation for more than two years and has produced spectacular results on both extra-solar planets and stellar astrophysics. This includes the first definite detection of a rocky exo-planet, many cases of multi-planet systems and detailed information about the core properties of red-giant stars. Here I present a few examples, with some emphasis on asteroseismology. The operational phase of the mission will end in late 2012 unless the mission is extended, even though the spacecraft has resources for several more years. It is evident that strong arguments need to be presented wherever possible to secure an extension of the mission.