

First Announcement
Stellar Astrophysics Centre Summer School 2014
Aarhus University, Denmark
10-22 August 2014

Stars, Planets and Life in the Universe

This is the first announcement of the Stellar Astrophysics Centre Summer School 2014 “Stars, Planets and Life in the Universe”, which will take place 10-22 August 2014 at the Stellar Astrophysics Centre in Aarhus, Denmark.

The Stellar Astrophysics Centre (SAC) is a centre of Excellence funded by the Danish National Research Foundation with the aim of studying the stars, their planetary systems and the possibility for life in the Universe.

SAC is inviting 20 Master- and PhD-students to attend the two week summer school. The course will contain lectures on stars and planets as well as several aspects of astrobiology, and there will be both lectures and exercises. The second week of the summer school will include intensive group work on specific projects related to the overall subject and those projects will contain both theoretical and practical/observational aspects, including work on the SONG telescope. The course will end with a general presentation of the individual projects.

Topics:

- Planet and star formation
- Exoplanets and their properties
- Stellar evolution
- Asteroseismology, stellar pulsations and structures of stars
- Astrobiology
- Earth-like planets

List of lecturers:

- Jørgen Christensen-Dalsgaard
- Victor Silva Aguirre
- Victoria Antoci
- Christoffer Karoff
- Karsten Brogaard
- Mads Fredslund Andersen
- Frank Grundahl
- Kai Finster
- Tina Santl Temkiv
- Hans Kjeldsen
- Brandon Tingley

- Simon Albrecht

The work load of the summer school corresponds to 5 ECTS.

The Stellar Astrophysics Centre will cover all local costs (guest room, food and excursions) but the participants must cover their travel costs to Aarhus, Denmark.

The Deadline for registration is 15 may 2014.

Details will follow in the second announcement.

For more information:

<http://sac.au.dk/currently/sac-summer-school-2014/>