

Date: Sun, 12 Mar 2002

From: Porto Asteroseismology Conference <porto-ac@astro.up.pt>

Subject: 2nd Announcement

Dear Colleague,

Please find below the second announcement of the Conference "Asteroseismology Across the HR Diagram" that will take place at the Centre for Astrophysics of the University of Porto (CAUP) in the first week of July 2001.

The details listed below can also be found at the web site:

<http://www.astro.up.pt/porto-ac>

If you have any queries regarding the conference you may contact the LOC for additional information by writing to the email address:

porto-ac@astro.up.pt

We are looking forward to meeting you in July.

Best regards, LOC.

SECOND ANNOUNCEMENT

ASTEROSEISMOLOGY ACROSS THE HR DIAGRAM

1-5 July 2002, CAUP - Porto, Portugal

<http://www.astro.up.pt/porto-ac>

Email: porto-ac@astro.up.pt

In this second announcement you will find information on:

- 1 - Important deadlines
- 2 - Registration
- 3 - Accommodation
- 4 - Social Programme
- 5 - Abstract submission
- 6 - Preliminary Scientific Programme

1 - Important deadlines

Early registration (fee 210 euros):	1st May
Abstract submission for oral contributions:	1st May
Hotel and social programme booking:	1st May
Abstract submission for posters:	1st June

2 - Registration

In order to attend the conference you must fill in the registration form that will be available at the web page for the conference from the 18th of March onwards. Moreover, if you have any guests who would like to take part in the social programme, you must register them as well, by filling in the corresponding part in your registration form.

The registration fee for participants amounts to 210 euros, if payed before the 1st of May and to 260 euros if payed after that date (please note that there is a limit to the total number of participants). The registration fee includes:

- (i) one copy of the proceedings
- (ii) conference package
- (iii) coffee breaks
- (iv) welcome reception (Monday the 1st of July)
- (v) conference banquet (Thursday the 4th of July)
- (vi) group picture
- (vii) use of the facilities (internet access, panels and material to put your posters, etc.)

The registration fee for registered guests amounts to 110 euros and includes:

- (i) conference package (including all but the abstract book)

- (ii) coffee breaks
- (iii) welcome reception (Monday the 1st of July)
- (iv) conference banquet (Thursday the 4th of July)

Instructions on how to pay your registration fee will be available on the registration form.

The LOC will send you an e-mail confirming your registration within the two weeks following the payment of the registration fee.

3 - Accommodation

The accommodation and the social programme are being organized by the agency 'Portugal Private Tour'. Below is some basic information. More details will be available at our web page.

A limited number of rooms is being reserved for the conference participants and their guests at three hotels nearby the conference venue (walking distance). The hotels and their prices are:

Hotel Ipanema Porto (****)
Single room: 60.36 euros
Double room: 71.34 euros

Hotel Tuela Torre (****)
Single room: 54.00 euros
Double room: 62.00 euros

Hotel Tuela (***)
Single room: 42.00 euros
Double room: 49.39 euros

In order to book a room in one of the hotels listed above, you will need to fill in the Hotel Registration Form, which will be available at the conference web site from the 18th of March onwards.

4 - Social Programme

The social programme will include:

- Welcome reception on Monday evening (included in the registration fee).
- Porto sight-seeing, including a visit to the old town, considered World Heritage by UNESCO, and some of its most prominent buildings. The visit will take place on Tuesday straight after the end of the scientific programme.
- Full day excursion on Wednesday to the wonderful region of Douro Valley, where the grapes used for producing Port wine grow, and which has recently been considered as World Heritage by UNESCO.

--- Conference banquet (included in the registration fee).

In order to register for the optional social programme you will need to fill in the Social Programme Registration Form, available at the conference web site from the 18th of March onwards.

5 - Abstract submission

In order to present a paper in the conference you need to submit the title and abstract before the corresponding deadline;

- until the 1st of May, if you would like it to be considered for an oral contribution
- until the 1st of June, if you would like it to be in the form of a poster.

Please download the latex file 'abstract.tex' which will be available at our web page from the 18th of March onwards, and send the file, with the abstract, by e-mail to the e-mail address:

porto-ac@astro.up.pt

6 - Preliminary Scientific Programme

Monday, 1st July

09:00-10:00 Registration and coffee
10:00-10:10 Opening session

*** **SESSION 1: Present Observational Status** ***

--- 1.1 Space and Ground Based Data ---

10:10-10:40 Space and ground based data (H. Kjeldsen, Aarhus Universitet)

--- 1.2 Present Status for Different Pulsators ---

10:40-11:00 Solar-type stars (F. Bouchy, Observatoire de Geneve)
11:00-11:20 Intermediate-mass stars (Don Kurtz, University of Central Lancashire)
11:20-11:40 High-mass stars (P. De Cat, University of Leuven)
11:40-12:00 Advanced post-main Sequence stars (S. O'Brien, Space Telescope Science Institute)
12:00-14:00 Lunch
14:00-14:20 Pre-main sequence stars (C. Catala, Observatoire de Paris) - tbc
14:20-14:35 Title to be defined (Betsy Green, Steward Observatory)

--- 1.3 *The Sun as a Star* ---

14:35-14:55 The sun as a star (P. Pallé, Instituto de Astrofísica de Canarias)
14:55-15:10 Oral contribution
15:10-15:50 Tea break

***** SESSION 2: Asteroseismic Techniques *****

--- 2.1 *Mode Identification and Frequency Determination* ---

15:50-16:20 Multicolour photometry for mode identification (M. Reed, Southwest Missouri State University)
16:20-16:50 High-resolution spectroscopy for mode identification J. Telting, Nordic Optical Telescope)
16:50-17:35 3 Oral contributions
19:00 Welcome Reception

Tuesday, 2nd July

09:30-10:00 Effects of rotation and excitation on mode analysis (A. Pamyatnykh, Copernicus Astronomical Center)
10:00-10:30 Peakbagging for solar-like stars (T. Appourchaux, ESA)
10:30-11:15 Coffee Break
11:15-12:00 3 Oral contributions
12:00-14:00 Lunch

--- 2.2 *Inferring Information from the Frequencies* ---

14:00-14:30 Seismic inference using Monte Carlo explorations of model space (T. Metcalfe, Aarhus Universitet)
14:30-14:45 1 Oral contribution
14:45-15:15 Stellar inversions (S. Basu, Yale University)
15:15-16:00 Tea break
16:00-16:30 Asteroseismic inference (D. Gough, University of Cambridge)
16:30-17:15 3 Oral contributions
17:30 Porto City Tour (optional)

Wednesday, 3rd July

09:00-20:00 Douro Vintage Programme (optional)

Thursday, 4th July

***** SESSION 3: Asteroseismic Constraints on Stellar Structure and Evolution *****

--- 3.1 Solar-like and near-main sequence stars ---

09:30-10:00 Stellar convection (P. Demarque, Yale University)
10:00-10:30 Stellar rotation (M. Pinsonneault, Ohio State University) - tbc
10:30-11:30 Coffee break
11:30-12:00 2 Oral contributions
12:00-14:00 Lunch
14:00-14:30 Mixing and diffusion in stars (S. Vauclair, Observatoire Midi Pyrenees)
14:30-15:30 4 Oral contributions
15:30-16:20 Tea break

--- 3.2 Away from the main sequence (childhood and old age) ---

16:20-16:50 Outstanding issues for pre-main sequence evolution (F. Palla, Osservatorio de Arcetri)
16:50-17:20 2 Oral contributions
19:00 Conference Banquet

Friday, 5th July

09:30-10:00 Outstanding issues for post-main sequence evolution (G. Fontaine, University of Montreal)
10:00-10:30 2 Oral contributions
10:30-11:30 Coffee break

***** SESSION 4: Closing Section *****

11:30 - 12:20 Summary: problems, connections and expectations
(J. Christensen-Dalsgaard, Aarhus Universitet)

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