

**CONSOLFOOD2018** is being planned for 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup> January, 2018 at *Instituto Superior de Engenharia, Universidade do Algarve, Campus da Penha, 8005-139 Faro-Portugal.*

Many people in the developing countries are burning wood, charcoal or even garbage on open fires for cooking purposes because they do not have access to electricity or gas. Inefficient burning of wood, charcoal, dung, and plant residues is causing health problems, deforestation and greenhouse gas emissions. The introduction of solar cookers in sunny areas for cooking, food drying, and water sterilization is crucial. At the same time, there are also many people living in sunny parts of world using only gas and electricity for cooking. The potential of thermal solar energy for cooking is well understood, but adoption of this technology is not increasing as rapidly as would be desirable. Thermal solar energy has great potential for food processing tasks like drying, cooking, and pasteurization.

Advances in solar food processing and solar cooking, as well as many other related subjects, are the main topics of the Second International CONSOLFOOD Conference.

The First International Conference for solar thermal cooking and food processing - CONSOLFOOD2016 - was held at the University of Algarve, Institute of Engineering, Faro, Portugal on 22<sup>nd</sup> and 23<sup>rd</sup> January 2016. After some get-togethers with specialists from all over the world, it became apparent that the financial, educational and vocational support of grass roots workers is essential when solar food processing techniques are introduced to large populations. Such support enables more rapid dissemination of the technology.

Seventy three abstracts covering several topics have been submitted by authors from different countries as result of the first and second calls for abstracts.

Oral sessions, a round table discussion, and two poster sessions are all being planned towards the discussion of topics related to advances in solar food processing and solar cooking.

We have plenty of space for a large outdoor exhibition of different types of solar cookers, solar dryers and other related equipment. If weather permits, we will prepare "caroffee", "carotea", carob cake, and some lunch, using solar power. If you are planning to bring any equipment (e.g. solar cookers, solar dryers, solar water treatment devices) to display or demonstrate, please let me know. We hope clouds will not filter the sun rays during conference days!!

**Registration:** The registration fee will be 120 euros, payable in January, 2018. This includes all conference coffee breaks and lunches. If you would like to attend the conference, please register by the 15 th December 2018 at the latest. You should send us the registration data to [cruivo@ualg.pt](mailto:cruivo@ualg.pt) and to [daveoxford@metronet.co.uk](mailto:daveoxford@metronet.co.uk).

Registration data: a) Name of participant, Phone, Profession, Email address, Institution/Company, address and b) Name of payer of registration fee, Address and VAT Number (if you have one).

Updated information on CONSOLFOOD2018 will be provided at [www.consolfood.org](http://www.consolfood.org).

Organizers are now confident that the success of CONSOLFOOD2016 can be repeated.

**22-23-24**  
**January 2018**

INSTITUTE OF ENGINEERING  
UNIVERSITY OF ALGARVE  
CAMPUS DA PENHA  
FARO-PORTUGAL

Second International Conference  
**CONSOLFOOD2018**

**>Advances in Solar**  
**>Thermal Food Processing**



## Provisional programme:

22<sup>nd</sup> January 2018

08:30 **Registration and reception**

09:00 [Opening session](#)

09:15 [Session O1](#)

11:00 **Break**

[Session O2](#)

12:45 **Solar lunch**

14:15 [Poster session P1](#)

15:30 [Session O3](#)

16:45 **Short break**

17:00 [Session O4](#)

09:15-15:00 **Exhibition of different types of solar cookers, solar dryers, etc.**

23<sup>rd</sup> January 2018

09:00 [Session O5](#)

11:05 **Break**

11:50 [Session O6](#)

12:50 **Solar lunch**

14:15 [Poster session P2](#)

15:20 [Session O7](#)

16:30 **Break**

17:00 [Session O8](#)

09:15-15:00 **Exhibition of different types of solar cookers, solar dryers, etc.**

24<sup>th</sup> January 2018

09:15-15:00 **Exhibition of different types of solar cookers, solar dryers, etc.**

9:00-10:00 [Round table](#)

10:00-12:00 **Networking between participants**

09:00-13:00 **Solar cookers in action**

12:30 **Solar lunch**

14:30 [Closing session](#)

## Notes:

Whenever possible, food for lunches and tea/coffee breaks will be prepared using solar thermal energy during conference days

Solar cooking users, designers, enthusiasts are encouraged to come with their solar cookers and ingredients to be cooked. Interested people should contact the organizing committee for more details.

## Advisory and scientific committee

Elmo Dutra da Silveira Filho, Brazil

Pedro Serrano, Chile

Shyam Nandwani, Costa Rica

Rodrigo Carpio, Ecuador

Jean-Jacques Serra, France

Pierre Aubert, France

Barbara Sturm, Germany

Anasuya Ganguly, India

Jignesh Mehta, India

Deepak Gadhia, India

Manish Kumar Pandey, India

Manoj Soni, India

Vivek Kabra, India

R. Shyamala, India

Daniel Feuermann, Israel

Juana María Hernández Jarquín, Mexico

João Nuno Pinto Miranda Garcia, Portugal

Paulo Pinto, Portugal

Crosby Menzies, South Africa

Ángeles López Agüera, Spain

Andrés Barrio de Lindow, Spain

Antonio Lecuona Neumann, Spain

Francisco Javier Macías Fuentes, Spain

Javier Diz, Spain

Charles Muwonge, Uganda

Stewart MacLachlan, UK

Tom Sponheim, USA

## Organizing committee:

**Celestino Ruivo, (Chairman)** [cruivo@ualg.pt](mailto:cruivo@ualg.pt),  
Institute of Engineering, University of Algarve, Faro, Portugal  
Association for the Development of Industrial Aerodynamics, Coimbra, Portugal

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## Additional information:

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Faro international airport has good connections to other European airports. Regular flights are usually available to and from France, Germany, the Netherlands, Denmark and the UK.

**Conference Venue:** *Instituto Superior de Engenharia* of University of Algarve-**Campus da Penha**, located IN the city of Faro (NOT in Campus de Gambelas, which is located OUTSIDE the city of Faro towards the airport).

**Accommodation:** Please find below a list of hotels that you might consider when booking accommodation. Reservations can be made by email, mentioning the code CONSOLFOOD2018.

**Travel visas:** Visitors from some countries require a Portuguese visa. Please be sure to check if this applies to you. In some cases, a letter from the conference organisers will be required before a visa is issued. If you have registered for CONSOLFOOD2018, we will supply such a letter at your request.

