

CONSOLFOOD2020

Third International Conference: Advances in Solar Thermal Food Processing

We invite you to join us at CONSOLFOOD2020.

Many people in developing countries still burn wood, charcoal, or even garbage on open fires for cooking purposes because they do not have access to electricity or gas. The inefficient burning of wood, charcoal, dung, and plant residues causes health problems, deforestation and greenhouse gas emissions. The potential of thermal solar energy for food processing tasks like drying, cooking, and pasteurization is well understood, but adoption of this technology is not increasing as rapidly as would be desirable. In the sunny parts of the developed world, few people would recognise a solar cooker, and most still use only gas and electricity for cooking. The introduction of solar cookers in sunny areas for cooking, food drying, and water sterilization is our goal.

CONSOLFOOD 2020 is being planned for 22nd, 23rd and 24th January, 2020 at *Instituto Superior de Engenharia, Universidade do Algarve, Campus da Penha, 8005-139 Faro-Portugal*. Once again, we will focus on advances in solar cooking, solar food processing, and related topics. As usual, we expect to attract experts from all over the world to present and discuss the latest developments.

The **deadline** for submission of your abstracts for this conference is **31st May, 2019**. We invite abstracts for lectures and/or posters. Please state in your application whether you are proposing a poster or a lecture.

Lectures: You should limit your abstract to 400 words, and follow these guidelines: <https://eric.ed.gov/?abstract> We aim to allocate 15 – 20 minutes for your presentation, but if you believe you require more time, please state this in your application so it can be discussed by the organising committee.

Posters: You should limit your abstract to 400 words. Your poster should be standard A1 size (594 x 841 mm) and in portrait orientation. You do not need to submit a visual first draft of your poster at this stage, but it will be helpful to the committee if you do. You can find useful advice about creating a poster here: <https://guides.nyu.edu/posters>

Submission: Please send your abstract(s) via e-mail to cruivo@ualg.pt

Assessment: All abstracts will be reviewed and assessed by the members of the scientific committee. The organising committee will inform each author whether their submitted abstract has been accepted.

Conference Proceedings: Finally, the organizing committee encourages all authors to write an optional **full length paper** for inclusion in our conference proceedings.

Fee: We expect the conference fee to be around 150 euros. This includes the cost of lunches and tea/coffee breaks.

For updated information on CONSOLFOOD2020 go to www.consolfood.org

First call for abstracts

22-23-24

January 2020

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

Third International Conference

CONSOLFOOD2020

>Advances in Solar

>Thermal Food Processing



Tentative programme:

22nd January 2020

14:30 - 14:45 **Opening session**
14:45 - 16:00 **Lectures - session 1**
16:00 - 16:15 **Coffee, tea and cake**
16:15 - 18:00 **Lectures - session 2**

23rd January 2020

09:00 - 10:35 **Lectures - session 3**
10:35 - 11:15 **Coffee, tea and cake,
& start cooking lunch**
11:15 - 13:15 **Poster session 1**
13:15 - 14:30 **Lunch**
14:30 - 16:00 **Lectures - session 4**
16:00 - 16:30 **Coffee, tea and cake**
16:30 - 18:00 **Lectures - session 5**

24th January 2020

09:00 - 10:35 **Lectures - session 6**
10:35 - 11:15 **Coffee, tea and cake,
& start cooking lunch**
11:15 - 13:15 **Poster session 2**
13:15 - 14:30 **Lunch**
14:30 - 16:00 **Break Out Session**
16:00 - 16:30 **Coffee, tea and cake**
16:30 - 18:00 **Lectures - session 7**
18:00 - 18:30 **Closing session**

Note: Solar cooker users, designers, and enthusiasts are encouraged to bring their solar cookers and ingredients, and cook at Campus da Penha. Please contact the organizing committee for more details.

Advisory and scientific committee

Jannika Bailey	Argentina
Noelia Quiroga	Argentina
Noelia Crespo Calatayud	Bolivia
Paulo Mário Machado Araújo	Brazil
Pedro Serrano	Chile
Hongfei Zheng	China
Yanjun Dai	China
Jean-Jacques Serra	France
Pierre Aubert	France
Jürgen Kleinwächter	Germany
Alzubair Saiyed	India
Anagha Pathak	India
Chetan Singh Solanki	India
Manoj Soni	India
Daniel Feuermann	Israel
Giovanni di Nicola	Italy
Ivan D. YahoInitsky	Lesotho
Beatriz Castillo Téllez	Mexico
Eduardo A. Rincón Mejía	Mexico
Margarita Castillo Téllez	Mexico
Ali Hajji	Morocco
Sanu Kaji Shrestha	Nepal
Juan José Milón Guzmán	Peru
Miguel Hadzich	Peru
António Eduardo B. Leitão	Portugal
Celestino Ruivo (Chairman)	Portugal
Célia Quintas	Portugal
Cristina Luísa Silva	Portugal
João Nuno P. Miranda Garcia	Portugal
Margarida Moldão	Portugal
Raquel P. F. Guiné	Portugal
Rui Mariano Sousa da Cruz	Portugal
Antonio Carrillo	Spain
Antonio Lecuona Neumann	Spain
Francisco J. Macias Fuentes	Spain
Michael Götz	Switzerland
Stewart MacLachlan	UK
Alan Bigelow	USA
Sharon Claussion	USA

Additional information:

Department of Mechanical Engineering, Institute of Engineering, University of the Algarve

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Faro international airport has good connections to other European airports. International airports at Lisbon, Oporto and Seville could also be considered as suitable options for participants wishing to visit those cities before or after the conference.

The city of Faro has hotel rooms at reduced rates in January. Please feel free to ask the organizers for a list of suggested hotels with special discounts for conference participants.

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

Organizing committee:

**Celestino Ruivo, (Chairman) ,
Institute of Engineering, University of Algarve, Portugal
Association for the Development of Industrial Aerodynamics, Portugal**

Célia Quintas, Institute of Engineering, University of Algarve, Portugal

Ajay Chandak, PRINCE Suman Foundation, India

Dave Oxford, SLiCK Solar Stove, UK

Juan Bello Llorente, Centro Integrado de FP Someso. A Coruña, Spain

Michael Bonke – LAZOLA Initiative for Spreading Solar Cooking, Germany

Alberto Hernandez Neto, University of Sao Paulo, Brazil