

## CONSOLFOOD2027

Seventh International Conference: Advances in Solar Thermal Food Processing

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.

**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.

The deadline for receipt of abstracts is 25<sup>th</sup> January 2027. Your abstracts should be sent via email to [cruivo@ualg.pt](mailto:cruivo@ualg.pt) in .doc, .docx, or pdf format. You should limit your abstract to 400 words. Please ensure that your submitted abstract meets the criteria set out in 'Requirements for Abstracts' which you can find here [www.consolfood.org](http://www.consolfood.org)

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

### Presentation formats:

Recorded presentations, with a duration of about 5, 10, or 20 mins, using *Powerpoint* or other software. Authors may indicate a preferred duration for their presentation; however, the final allocation will be determined by the organizing committee based on the total number of abstracts received.

As is customary, all recorded presentations will be made available online after the conference. Authors of short presentations may submit an extended version, with a maximum duration of 20 minutes, for online publication.

**Fee:** 200 euros before 5<sup>th</sup> April 2027 and 300 euros after 5<sup>th</sup> April 2027. Interested people facing financial difficulties should contact the organizing committee.

For updated information on CONSOLFOOD2027 go to [www.consolfood.org](http://www.consolfood.org)

6-7-8 May 2027

FARO-PORTUGAL, JAIPUR-INDIA, ETC

Seventh International Conference

## CONSOLFOOD2027

>Advances in Solar

>Thermal Food Processing

CONSOLFOOD 2027 is being planned for Faro (University of Algarve, Portugal). A permanent exhibition of solar cookers will be available for viewing during the conference days. Our lunches will be planned to be produced with the help of our friend, the sun. Last conference day is being planned to be an open day event.

A CONSOLFOOD2027 parallel event will take place again in Vatsalya (Jaipur-India) as in CONSOLFOOD2023. Other groups of interested people from around the world are invited to organise their own local parallel events and attend the conference presentations online. If you are interested in organising such an event, please contact the organisers for more details.

Once again, we will focus on advances in solar cooking, solar drying and other related solar food processing topics. As usual, we want to attract experts from all over the world to present and discuss the latest developments.

### Institutional Support



## Tentative programme

6<sup>th</sup> May 2027

08:30 – 10:00

Installing the solar cookers in the exhibition area  
for real solar cooking

10:00 - 10:30 Solar caroffee and solar carob cake

10:30 - 10:45 Opening session

10:45 - 13:00 Presentations - session 1

13:00 - 14:30 Solar lunch

14:30 - 16:00 Presentations - session 2

16:00 - 16:15 Break

16:15 - 19:00 Presentations - session 3

7<sup>th</sup> May 2027

09:00 - 12:30 Exhibition and use of solar cookers  
Real solar cooking

10:00 - 10:30 Solar caroffee and solar carob cake

10:30 - 12:30 Exhibition and use of solar cookers  
Real solar cooking

12:30 - 14:00 Solar lunch

14:00 - 16:00 Presentations - session 4

16:00 - 16:15 Break

16:15 - 19:00 Presentations - session 5

19:00 - 19:30 Closing session I

8<sup>th</sup> May 2027 (Open day)

09:00 - 12:30 Exhibition of and use of solar cookers  
Caroffee, coffee, tea, carob cake, popcorns  
Real solar cooking

12:30 - 14:30 Solar lunch

14:30 - 14:45 Closing session II

Note: Times mentioned above are for Faro-Portugal

## Organizing Committee:

Celestino Ruivo, (Chairman)

Institute of Engineering, University of Algarve, Portugal

Association for the Development of Industrial Aerodynamics, Portugal

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Juan Bello Llorente, A Coruña, Spain

Kartikey Gupta, Vatsalya, jaipur, India

## Scientific Committee:

Celestino Ruivo, (Chairman), Institute of Engineering, University of Algarve, Portugal

Association for the Development of Industrial Aerodynamics, Portugal

Ajay Chandak, PRINCE Suman Foundation, India

Antonio Carrillo Andrés, University of Málaga, Spain

Benjamin Kadoch, Aix Marseille University, Marseille, France

Bernardo Farrero, Polytechnic Institute of Bragança, Portugal

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Francisco Javier Macias, University of Huelva, Spain

Gianluca Coccia, Marche Polytechnic University, Italy

Jean-Jacques Serra, Les amis du Padre Himalaya, Sorède, France

João Nuno Pinto Miranda Garcia, Instituto Superior de Engenharia de Lisboa, Portugal

Juan Bello Llorente, A Coruña, Spain

Kartikey Gupta, Vatsalya, India

Luis Paulo Coelho Neto, Instituto Politécnico de Castelo Branco, Portugal

Luther Krueger, Big Blue Sun Museum of Solar Cooking, Minneapolis, USA

Manoj Kumar Soni, BITS Pilani, India

Michael Bonke – LAZOLA Initiative for Spreading Solar Cooking, Germany

Octavio García Valladares, Inst. Energías Renovables, U. Nacional Autónoma de México, México

Sebastiano Tomassetti, Marche Polytechnic University, Italy

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