

Special meeting CONSOLFOOD

Spreading our passion for solar cooking

24th January 2021

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.

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. The effective use of solar energy in sunny areas for cooking, food drying, and water sterilization is crucial.

This meeting is being planned for the 24th January 2020 *starting at 14h30min Lisbon time, 20h00 New Delhi Time.*

Programme (Lisbon time)

14:30 Opening online platform

14:40 Opening session

14:50 **Solar Cooking: a great passion in funneling sun rays for cooking**

Celestino Ruivo, Portugal

Brief introduction to solar cookers,
Cooking with an effective funnel
How to make a funnel shaped "pucca" cooker
Questions and answers

Celestino Ruivo is a Professor at Mechanical Engineering Department of Institute of Engineering-University of Algarve-Portugal, Advocate and intensive user of solar cooking.

15:50 **Baking a solar birthday cake**

Demonstrations by solar cooking friends from around the world (Portugal, Spain, India, Germany, Australia, Montenegro, Brazil, Mexico, USA, UK, ...) using different solar cookers and different baking techniques.

16:40 **Surprise Show**

16:50 Closing session

Moderators: Ajay Chandak and Dave Oxford

Registration to attend this meeting is **free**.

Participants can attend this meeting at: <https://youtu.be/qdvZ5h4mq5k>

Organization:

Celestino Ruivo, Institute of Engineering, University of Algarve, Portugal

Association for the Development of Industrial Aerodynamics, Portugal

Ajay Chandak, PRINCE (Promoters, Researchers & Innovators in New & Clean Energy), India

Dave Oxford, of SLiCKsolarstove, UK

Ajit Bahadur, Solar is my passion, India

