SYMPSOL-INDIA2024

Symposium on Solar Food Thermal Processing

Solar system at Muni Seva Ashram (since 2023)

Harness the sun and embark on a sustainable solar adventure

3rd March 2024, **MUNI SEVA ASHRAM-GORAJ, VADODARA-INDIA**

Tentative list of featured speakers:

Join the ranks of eco-conscious cooks at our SYMPSOL-INDIA2024, a call to action for a cleaner, greener future and also to master the transformative art of using the sun's power to prepare nourishing meals.

Institutional support

Muni Seva Ashram, India

University of Algarve, Portugal

Association for the Development of Industrial Aerodynamics, Portugal

Tentative programme

08:30 - 09:00 Preparing ingredients for baking carob cake, making “chai” and lunch.
09:00 - 09:30 Opening session
09:30 - 09:45 Brief summary of intensive solar cooking experience, Celestino Ruivo
09:45 - 10:15 Development and adoption of 'Clean Cooking Solutions', experience sharing, Ajay Chandak
10:15 - 10:45 Solar cooking at Brahma Kumaris: from old to new solutions, Golo J. Pilz
10:45 - 11:15 Sustainability and renewable energy applications, Manoj Soni
11:15 - 12:00 The big dish solar concentrator at Muni Seva Ashram and associated systems, Deepak Gadhia
12:00 - 13:00 Visiting big dish solar concentrator at Muni Seva Ashram, Pranav Gadhia
13:00 - 14:00 Solar lunch
14:00 - 14:20 Simple and appropriate solar drying technology for farm products, Raghav Deosthale
14:20 - 14:40 Sustainable solutions for community upliftment, Neha Mehta
14:40 - 15:00 Experience on running a solar cafeteria, Sumitabh Tiwari
15:00 - 15:20 On the solar cooker “100 Suns”: design, dissemination in India and in Sudan, Amogh Sahaje
15:20 - 15:40 Education on applications using renewable source, Kartikey Gupta
15:40 - 16:00 Break
16:00 - 17:00 Round table: Successes and failures in running past projects, How to increase probability of success in future projects?
17:00 - 17:20 Closing session

Register Today

The registration fee for attending the event and having lunch and drinks is expected to be 1200 INR per person.

Muni Seva Ashram can provide bedroom for maximum of 30 people (speakers, organizers and some of registered people). The expected cost is 500 INR per person per night.

You should pay your registration at arrival of the symposium venue to Muni Seva Ashram, institution that will do the invoice/receipt of each participant. The registration fee includes also the visit to the big dish solar concentrator.

Registration participant data
Name: Profession: email: Phone:
Institution: Address
Accommodation at MSA: (Y/N) Accommodation in Vadodara city: (Y/N)

Independently you are or not an invited speaker or pre-registered participant, please send your registration data before **15th February 2024** by email to **neha2297[at]gmail[dot]com**.

Organizing committee will inform registered participants with some recommended places for accommodation and transport from the city of Vadodara to Muni Seva Ashram.

Muni Seva Ashram: Health care, education and social welfar in a green campus

Muni Seva Ashram incorporates methods like organic farming, agro forestry, horticulture, animal husbandry, solar energy, and biogas generation as a means to fuel our strides in being self-sufficient in a sustainable manner. Recently, Muni Seva Ashram is housing the world’s largest solar concentrator for cooking, air-conditioning, laundry, sterilization purposes and heat storage system in the form of pressurized water to provide steam for 1-2 hours during non-sunshine hours. **Visit website: https://www.greenashram.org/**

Organizing committee

Deepak Gadhia: Chairman of Sunrise CSP India

Deepak Gadhia has an experience of about 35 years in solar and sustainability sector. He mentors start-ups and supports entrepreneurs in the clean-tech sector. He was instrumental in bringing and successfully commercialising the Scheffler Concentrating Technology to India. He has currently moved to the Muni Seva Ashram. He serves as a Trustee there and overlooks the sustainability aspects of the Ashram

Ajay Chandak: Researcher in the field of renewable energy India

Highly passionate researcher in the field of renewable energy with special interest in clean cooking technologies. He has developed many clean cooking devices which include domestic solar cookers like PRINCE-15, small community solar cookers like PRINCE-40 and PRINCE-60, Community dishes of 25 sqm for direct steam generation, prefabricated biogas plants, different designs of biomass stoves and cooking gasifiers, new designs of solar dryers etc. He owns a R & D unit at MIDC Dhule. Ongoing research is on solar concentrators for Oxford University UK and on one indoor solar cooker with heat storage using solar PV panel. He specializes in training and mentoring entrepreneurs in renewable energy and started the organization PRINCE (Promoters, Researchers and Innovators in New & Clean Energy).

Celestino Ruivo: Professor, Researcher and Advocate of Solar Cooking

Professor at the University of Algarve, Portugal, turned his passion for the sun's power into a culinary revolution. Since catching the solar cooking 'bug' in 2006, he's been an ardent advocate, sharing the simplicity and joy of harnessing solar energy for cooking. Chairman of the celebrated CONSOLFOOD conferences, Prof. Ruivo unites global experts and communities under the warm embrace of the sun, transforming rooftops into eco-friendly kitchens. Join him to explore how solar cooking is not just a method, but a movement towards a sustainable future.

Kartikey Gupta: Facilitator of Sustainable Education

Kartikey Gupta, orchestrating the workshop at Vatsalya, brings a practical and heartfelt approach to sustainability and STEM learning. His experiences, from industry to innovation, shape his commitment to imparting a meaningful and hands-on educational journey for every participant.

Manoj Soni: Professor and Researcher

Professor and Researcher in the Mechanical Engineering department and coordinator of the Centre for Renewable Energy and Environment Development (CREED) at Birla Institute of Technology and Science (BITS), Pilani. His research interests include solar thermal, thermal engineering, renewable energy, and energy efficiency. He is a Fellow of the Institute of Engineers and a Life Member of the International Solar Energy Society and an associate member of Solar Cookers International, USA.