

9th Bi-annual SUNRISE Symposium:

Transition to Net Zero

Day 1: Thursday 10th February 2022

Inaugural Session

Chair: Dr. Kanwar Singh Nalwa and Prof. Ashish Garg
IIT Kanpur, India
08:30 - 10.00 (GMT) / 14:00 - 15.30 (IST)

08:30 - 08:35 Welcome and Inauguration
14:00 - 14:05 Prof Abhay Karandikar Director, IIT Kanpur, India

08:35 - 08:50 Opening Remarks:
14:05 - 14:20 Prof Dave Worsley, Principal Investigator SUNRISE
Prof Peter Head, Chairman Resilience Brokers, UK

08:50 - 09:00 Dr. Ellie Gilvin
14:20 - 14:30 UKRI, UK

09:00 - 09:10 Mr. Sanjeev Varshney
14:30 - 14:40 DST, India

09:10 - 09:20 Dr. Ajay Mathur, Director General
14:40 - 14:50 International Solar Alliance, India

Plenary Session

Chair: Prof. Hari Upadhyaya
London South Bank University, UK
09:20 - 09.50 (GMT) / 14:50 - 15.20 (IST)

09:20 - 09:40 Prof. Ashok Jhunjhunwala
14:50 - 15:10 IIT Madras, India

09:40 - 09:45 Discussion
15:10 - 15:15

09:45 - 09.50 Break
15:15 - 15:20

Session 1: Water and Hygiene
Chair: Dr. Raju Gupta, IIT Kanpur, India
09:50 - 11:00 (GMT) / 15:20 - 16:30 (IST)

09:50 - 10:05 Prof. T. Pradeep
15:20 - 15:35 IIT Madras, India

10:05 - 10:20 Mr Pravin Bhagwat
15:35 - 15:50 14Trees Foundation, India

10:20 - 10:30 Dr Sudhagar Pitchaimuthu
15:50 - 16:00 Heriot-Watt University, UK

10:30 - 10:35 PhD Talk: Mr. Kavuru Praveen
16:00 - 16:05 IIT Kanpur, India

10:35 - 10:40 Discussion
16:05 - 16:10

10:40 - 10:45 **Break**
16:10 - 16:15

Session 2: Food Systems
Chair: Prof. Anil Tripathi, IIT BHU, India
10:45 - 12:05 (GMT) / 16:15 - 17:35 (IST)

10:45 - 10:55 Dr. Priyadarshini Karve
16:15 - 16:25 MD, Samuchit Enviro Tech, India

10:55 - 11:10 Prof. Vijai Kumar Gupta
16:25 - 16:40 SRUC, UK

11:10 - 11:20 Dr. Sandeep Mudliar
16:40 - 16:50 CFTRI, Mysore, India

11:20 - 11:30 Prof. Chandra Nayak
16:50 - 17:00 Mysore University, India

11:30 - 11:45 Prof. Howard Griffiths
17:00 - 17:15 Cambridge University, UK

11:45 - 11:50 PhD Talk: Ms. Vũ Ngọc Hà Vi
17:15 - 17:20 SRUC (Scotland) / SZIU (Hungary)

11:50 - 11:55 ECR Talk: Mr Pallav Prince
17:20 - 17:25 IIT Kanpur

11:55 - 12:05 Denise Cysneiros
17:25 - 17:35 Future Bio Gas, UK

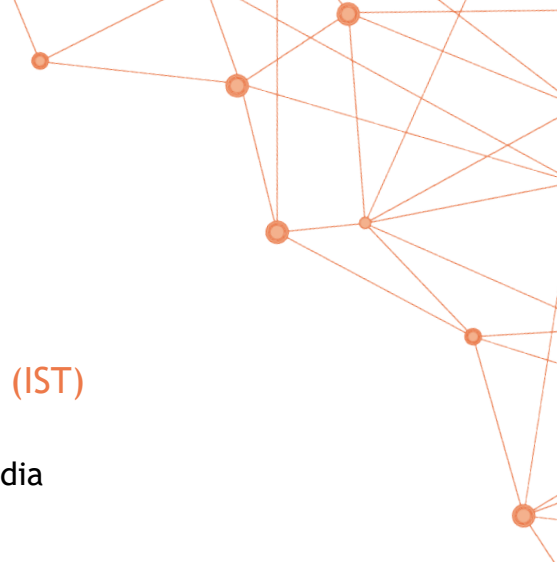
Poster Session: 12:05 - 13:30 (GMT) / 17:35 - 19:00 (IST)
Opportunity to explore the virtual poster space and speak with exhibitors

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Day 2: Friday 11th February 2022

Session 3A: Energy Harvesting
Chair: Prof. James Durrant
Imperial College London/Swansea University, UK
08:30 - 10:15 (GMT) / 14:00 - 15:30 (IST)

08:40 - 08:55 14:10 - 14:25	Dr. Nikhil Agrawal Avaada Solar, India
08:55 - 09:05 14:25 - 14:35	ECR Talk: Dr. Ravichandran Shivanna Cambridge University, UK
09:05 - 09:15 14:35 - 14:45	ECR Talk: Dr. Lalit Pant IIT Kanpur, India
09:15 - 09:20 14:45 - 14:50	PhD Talk: Akash Dasgupta University of Oxford, UK
09:20 - 09:30 14:50 - 15:00	ECR Talk: Dr Emmanuel Pèan Swansea University, UK
09:30 - 09:45 15:00 - 15:15	Prof. Henry Snaith Oxford University, UK
09:45 - 09:50 15:15 - 15:20	Discussion
09:50 - 10:00 15:20 - 15:30	Break



Session 3B: Energy Systems

Chair: Prof. Satish Patil, IISC, India
10:00 - 10:55 (GMT) / 15:30 - 16:25 (IST)

10:00 - 10:15 Dr. Shankar Venugopal
15:30 - 15:45 Vice President, Mahindra & Mahindra, India

10:15 - 10:30 Prof. NP Padhy
15:45 - 16:00 IIT Roorkee, India

10:30 - 10:40 ECR Talk: Dr. Prashant Kumar
16:00 - 16:10 JNCASR, India

10:40 - 10:45 PhD Talk: Ms. Cova Pardo-Sanchez
16:10 - 16:15 London South Bank University, UK

10:45 - 10:50 PhD Talk: Anna Wilson
16:15 - 16:20 Imperial College London, UK

10:50 - 10:55 PhD Talk: Satya Prakash Yadav
16:20 - 16:25 IISC Bangalore, India

10:55 - 11:00 Discussion
16:25 - 16:30

11:00 - 11:50 **Poster Session**
16:30 - 17:20 *Opportunity to explore the virtual poster space and speak with exhibitors*

Session 4: Net Zero

Chair: Prof. Jenny Nelson, Imperial College London, UK
11:55 - 12:30 (GMT) / 17:20 - 18:00 (IST)

11:55 - 12:10 Prof. Peter Holliman
17:25 - 17:40 Swansea University, UK

12:10 - 12:25 Mr Saurabh Kumar
17:40 - 17:55 Vice Chairman, EESL, India

12:25 - 12:35 Ms. Alyssa Gilbert
17:55 - 18:05 Imperial College London, UK

12:35 - 12:40 Discussion
18:05 - 18:10

12:40 - 12:50 **Awards and conclusion**
18:10 - 18:20 **Prof. Dave Worsley, Principal Investigator SUNRISE**