

SUNRISE Symposium on ‘Energy Sustainability and Water’

Day 1 - Monday 22nd February

14:00 - 15:00 (IST) / 08:30 - 09:30 (GMT)

Session 1A: Inaugural Session

Chair: Dr. Raju Kumar Gupta

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| 14:00 - 14:05/
08:30 - 08:35 | Welcome
Prof. S. Ganesh
Deputy Director, IIT Kanpur, India |
| 14:05 - 14:20/
08:35 - 08:50 | Opening remarks
Prof. Dave Worsley
SUNRISE Principal Investigator, Swansea University, UK

Prof. Peter Head
Founder & Chief Executive Officer, Ecological Sequestration Trust, UK |
| 14:20 - 14:30/
08:50 - 09:00 | Ms Ellie Gilvin
UKRI, UK |
| 14:30 - 14:45/
09:00 - 09:15 | Prof. Sandeep Verma
Secretary, SERB India |
| 14:45 - 15:00/
09:15 - 09:30 | Dr. Arun Kumar Tripathi
Director General
National Institute of Solar Energy, MNRE, India |

15:00 - 15:55 (IST) / 09:30 - 10:25 (GMT)

Special Session

Chair: Prof. Ashish Garg

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| 15:00 - 15:45/
09:30 - 10:15 | Inaugural talk
Mr. Sonam Wangchuk
India |
| 15:45 - 15:50
10:15 - 10:20 | Discussion |
| 15:50 - 15:55/
10:20 - 10:25 | Short break |

15:55 - 16:45 (IST) / 10:25 - 11:15 (GMT)

Session 1B: Waste and Water Management

Chair: Prof. Tony Byrne

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| 15:55 - 16:10/
10:25 - 10:40 | Prof. T. Pradeep
IIT Madras, India |
| 16:10 - 16:25/
10:40 - 10:55 | Dr. Mahesh Gupta
CMD, Kent RO Systems Ltd., India |
| 16:25 - 16:40/
10:55 - 11:10 | Mr. K. P. Bakshi |
| 16:40 - 16:45/
11:10 - 11:15 | Discussion |

16:45 - 17:30 (IST) / 11:15 - 12:00

Session 1C: Village Demonstrators/Community Engagement

Chair: Mr Arunavo Mukerjee

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| 16:45 - 17:00/
11:15 - 11:30 | Ms. Khushboo Ahire and Mr. Gandharva Pednekar
Tata Institute of Social Science, India |
| 17:00 - 17:15/
11:30 - 11:45 | Dr. Ian Mabbett
Swansea University, UK |
| 17:15 - 17:30/
11:45 - 12:00 | Mr. Anil K Rajvanshi
Director, Nimbkar Agricultural Research Institute (NARI), India |

17:30 - 18:00 (IST) / 12:00 - 12:30

Poster Session

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| 17:30 - 18:00/
12:00 - 12:30 | Poster session (opportunity to explore virtual poster space) |
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14:00 - 15:10(IST) / 08:30 - 09:40 (GMT)

Session 2A - Energy Storage

Chair: Prof. Satish Ogale

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| 14:00 - 14:15/
08:30 - 08:45 | Prof. Vijayamohan K. Pillai
IISER Tirupati, India |
| 14:15 - 14:30/
08:45 - 09:00 | Dr. Jenny Baker
Swansea University, UK |
| 14:30 - 14:40/
09:00 - 09:10 | Dr. Anne Sawhney,
Swansea University, UK |
| 14:40 - 14:50/
09:10 - 09:20 | Dr. Tonderai Mombeshora
University of KwaZulu-Natal, South Africa |
| 14:50 - 14:55/
09:20 - 09:25 | Swati Parmar
IISER Pune, India |
| 14:55 - 15:00/
09:25 - 09:30 | Rathod Suman
IISc Bangalore, India |
| 15:00 - 15:10/
09:30 - 09:40 | Discussion |

15:10 - 16:20 (IST) / 09:40 - 10:50 (GMT)

Session 2B - Photovoltaics

Chair: Prof. James Durrant

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| 15:10 - 15:25/
09:40 - 09:55 | Prof. Jenny Nelson
Imperial College London, UK |
| | Dr. Phil Sandwell
Imperial College London, UK |
| 15:25 - 15:40/
09:55 - 10:10 | Dr. Amitabh Verma
President, Aditya Birla Renewables Limited, India |
| 15:40 - 15:50/
10:10 - 10:20 | Dr. Suzanne Thomas
Swansea University, UK |
| 15:50 - 15:55/
10:20 - 10:25 | Philippe Holzhey
Oxford University, UK |
| 15:55 - 16:00/
10:25 - 10:30 | Ganesh N
JNCASR, India |



16:00 - 16:05/ Carys Worsley
10:30 - 10:35 Swansea University, UK

16:05 - 16:10/ Diecenia Peralta
10:35 - 10:40 CINVESTAV, Mexico

16:10 - 16:20/ Discussion
10:40 - 10:50

16:20 - 17:30 (IST) / 10:50 - 12:00

Session 2C - Energy Integration

Chair: Prof. Satish Patil

16:20 - 16:35/ Prof. S. C. Srivastava
10:50 - 11:05 IIT Kanpur, India

16:35 - 16:50/ Dr. Justin Searle
11:05 - 11:20 SPECIFIC, UK

16:50 - 17:00/ Dr. David Redpath
11:20 - 11:30 Brunel University, UK

17:00 - 17:10/ Viresh Patel
11:30 - 11:40 IIT Kanpur, India

17:10 - 17:20/ Dr. Chithambararaj Angamuthuraj
11:40 - 11:50 IISc Bangalore, India

17:20 - 17:30/ Discussion
11:50 - 12:00

Poster session 2

17:30 - 18:00/ Poster session (opportunity to explore virtual poster space)
12:00 - 12:30

18:00 - 18:10/ Prizes awarded for poster and oral presentations
12:30 - 12:40



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