

A Stable Solar Future

Transforming Australia's energy networks and industrial processes

ASTRI

AUSTRALIAN SOLAR
THERMAL RESEARCH
INITIATIVE

Please register to attend this event in Melbourne

Monday 2 May 2016

08:45-09:05 Welcome address and safety briefing from ASTRI Director, Manuel Blanco

09:05-09:10 ARENA overview of day, Ivor Frischknecht

09:10-09:40 **Keynote: Global perspectives of concentrating solar thermal technologies (CST)**

Cedric Philibert Renewable Energy Analyst, IEA

09:40-10:40 Facilitated Discussion: Where are the future markets for CST and how can research and industry collaborate?

10:40-11:10 *BREAK*

Solar thermal for industrial processes

11:10-11:40 Keynote: Industry Applications – Process heat, end user applications and solar fuels

11:40-12:10 Case study: Sundrop Farms CST tower system in application – polygeneration of electricity, low temperature heat and desalination

12:10-12:40 Facilitated Discussion: Process heat and other non-electricity applications

12:40-13:10 *LUNCH*

The potential role of CST in a de-carbonising grid

13:10-13:30 Keynote: Current and future state of the National Electricity Market (NEM) and role for CST

13:30-14:00 Case study: Benefits of integrating CST into the Californian grid

14:00-14:30 Facilitated Discussion: CST electricity generation, storage and hybridisation

14:30-14:50 *BREAK*

The role of research in facilitating commercial / market uptake

14:50-15:20 Facilitated Discussion: The role of research for CST developers in Australia

15:20-16:00 Facilitated Discussion: The role of research and the importance of international collaboration as a benefit for industry

16:00-16:40 Facilitated Discussion: the role of research in developing an Australian CST industry

16:40-17:00 **Summary and closing remarks** (Louise Vickery, ARENA)

17:00-17:10 Poster overview

17:10-19:00 **Cocktail function and networking opportunity**
