



Seminar@ISM

organized by
Communications Group



CNR
Istituto di Struttura
della Materia

When?

October 15, 2024
11:00 AM (CET)

Where?

@ Sala Conferenze
Area di Ricerca -
CNR Montelibretti
(Rome)



Energy & Environment

15

October 2024

Gang Xiao

Institute of Thermal Energy
Engineering - Zhejiang University
China

Development of Solar Thermal Power Technologies in China

Solar Thermal Power (STP) technology has gained significant attention in China as an innovative solution for renewable energy transition. This presentation reviews the current status of STP in China, highlighting the key projects, technological advancements, and policy frameworks driving its growth. It explores China's ambitious goals for STP integration into the national energy grid, as well as the challenges posed by intermittency, energy storage, and cost efficiency. Moreover, this report examines how China is leveraging STP technology to complement other renewable energy sources, such as photovoltaics and wind, while addressing the nation's energy security and carbon neutrality goals.

Info at

www.ism.cnr.it/seminar-ism

daniele.trucchi@ism.cnr.it

guanghuazheng@hdu.edu.cn

