

**Professor K Srinivas Reddy**  
Department of Mechanical  
Engineering, IIT Madras, India

***Design-Development-  
Demonstration- Deployment (4D)  
of concentrating solar power  
technologies***



Professor K. S. Reddy obtained his PhD from Indian Institute of Technology Delhi in Energy Studies in 1999. He then joined National Institute of Technology Warangal in June 1999, after a brief service of about 4 years at NITW, he joined IIT Madras in April 2003 as an Assistant Professor. Presently, Dr. Reddy is a Professor of Mechanical Engineering at IIT Madras and he is also an honorary professor at University of Exeter, UK. He also served as an Adjunct Professor at CEERI-CSIR, Chennai during 2014-17.  
<https://home.iitm.ac.in/ksreddy/>

Thursday  
**27<sup>th</sup> August 2020**  
9am (UK time)  
Zoom

**Professor Hongxing Yang**  
The Hong Kong Polytechnic  
University, Hong Kong, China

***Ground source heat pumps using  
spiral coil energy piles with seepage  
for air-conditioning***



Professor Yang received his BEng and MEng from Tianjin University, China, and his PhD in 1993 in the Mechanical Engineering Department, University of Wales College of Cardiff, UK. He is now leading the Renewable Energy Research Group (RERG) in the Department of Building Services Engineering, The Hong Kong Polytechnic University. His research interests cover renewable energy applications and energy saving in buildings in urban areas including solar photovoltaic integration in buildings, indirect evaporation cooling, ground-coupled heat pumps and solar cell related materials. He has over 400 academic papers and 6 professional books published.

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