



8th International Conference on ADVANCES IN ENERGY RESEARCH

July 7-9, 2022

Brief Schedule (Updated on 8th July 2022)



Day 1: 07/07/2022											
09:30-10:00 Inaugural Session, Chief Guest: Shri Dinesh Dayanand Jagdale, Joint Secretary, Ministry of New and Renewable Energy (MNRE)											
10:05-10:35 Invited Talk 1: Need to Rethink and Redesign Energy Systems in Context of Climate Change (Prof. Chetan Singh Solanki, Professor, IIT Bombay)											
10:40 - 10:50 Tea/Coffee Break											
Solar Thermal 1	Technical Session 1	Wind, Hydro and Ocean Energy	Technical Session 2	Thermal Energy Storage 1	Technical Session 3	Advanced Conventional Energy Technology 1	Technical Session 4	Electric Mobility and Sector Coupled Energy System	Technical Session 5	Energy, Environment, and Society 1	Technical Session 6
	111		57		9		23		32		10
	133		71		20		53		141		38
	149		144		34		59		170		85
	205		148		49		69		191		89
12:35-13:05 Invited Talk 2: Smart Charging Infrastructure and its role in sustainability (Mr. Sandeep Bangia, Business Head, EV, TATA Power)											
13:10-14:05 Lunch Break											
14:10-14:40 Invited Talk 3: Smart Grids (Prof. Ariel Liebman, Director, Monash Energy Institute)											
14:45-15:15 Invited Talk 4: Challenges in RE Integration (Mr. A.D.Thirumoorthy B.E, Energy Consultant, Govt. of Tamilnadu)											
15:15-15:25 Tea/Coffee Break											
Waste to Energy	Technical Session 1	Solar Thermal 2	Technical Session 2	Solar PV 1	Technical Session 3	Thermochemical, Electrochemical, and Hydrogen Storage 1	Technical Session 4	Advanced Conventional Energy Technology 2	Technical Session 5	Energy Policy, Economics and Management	Technical Session 6
	27		7		39		29		70		30
	55		15		60		40		79		68
	72		26		64		52		83		159
	166		44		107		73		120		164
189	50	113	135	129	182						
Day (1) End											
Day 2: 08/07/2022											
09:45-10:00 Day 2 start											
10:00-10:30 Invited Talk 5: Energy Systems Modelling (Prof. Rangan Banerjee, Director, IIT Delhi)											
10:35-11:05 Invited Talk 6: Energy sector in South Asia (Mr. Pankaj Batra, Project Director, Integrated Research and Action for Development (IRADe))											
11:05-11:15 Tea Break											
Biomass and Biofuels 1	Technical Session 1	Grid Integration of Renewables	Technical Session 2	Thermal Energy Storage 2	Technical Session 3	Energy, Environment, and Society 2	Technical Session 4	Energy, Environment, and Society 3	Technical Session 5	Industry Innovations in Energy	Technical Session 6
	63		4		80		94		187		65
	104		109		114		99		188		91
	136		123		122		173		190		110
	168		130		197		185		198		
12:55-14:10 Lunch Break											
14:15-15:10 Invited Talk 7: Advanced Combustion (LTC) and Future of Mobility System in Transportation (Dr. Simhachalam Juttu, General Manager, ARAI)											
15:15-15:25 Tea/Coffee Break											
Solar Thermal 3	Technical Session 1	Solar PV 2	Technical Session 2	Fuel Cells	Technical Session 3	Thermochemical, Electrochemical, and Hydrogen Storage 2	Technical Session 4	Advanced Conventional Energy Technology 3	Technical Session 5		Technical Session 6
	51		117		61		162		154		
	74		121		67		163		165		
	81		131		93		178		183		
	82		132		100		184		193		
87	158	118	196	235							
Day (2) End											
Day 3: 09/07/2022											
09:45-10:00 Day 3 start											
10:00-10:30 Invited Talk 8: Using gaseous fuels to drive the transition to sustainable transportation (Dr. Gordon McTaggart-Cowan, Professor, Simon Fraser University)											
10:35-11:05 Invited Talk 9: Energy Efficient and Environment Friendly Porous Radiant Burners for Cooking and Industrial Applications (Dr. P. Muthukumar, Professor, IIT Tirupati)											
11:05-11:15 Tea/Coffee break											
Biomass and Biofuels 2	Technical Session 1	Solar PV 3	Technical Session 2	Microgrids and Smart Grids	Technical Session 3	Thermal Energy Storage 3	Technical Session 4	Energy, Environment, and Society 4	Technical Session 5		Technical Session 6
	1		179		43		199		214		
	21		180		96		204		216		
	25		195		145		211				
	31		212		160		215				
12:50-13:25 Closing Ceremony											