










**6th Asian Conference on
Heat Treatment and Surface Engineering**
Date : March 05-07, 2020; Venue : Chennai Trade Centre,
Chennai, India

Photo	Name and Affiliation	Abstract Title/Topic
	Prof. Larisa Petrova MADI, Russia	Intensification of Thermo-Chemical Treatment of Steels: Theoretical and Technological Aspects
	Prof. Imre Felde Obuda University, Hungary	On the Bio-inspired computational methods and AI technics supporting Heat Treatment processes
	Prof. Shrikant Joshi University West Trollhättan, Sweden	Prospects for realizing diverse functional coatings by liquid feedstock thermal spraying
	Prof. Lemmy Meekisho Portland State University, USA	Vegetable oils as metal quenchants
	Mr. Michael Pershing Caterpillar Inc, USA	A Research and Development Roadmap to Benefit the Heat-treating Industry
	Prof. Masahiro Okumiya Toyota Technological Institute Japan	Direct gas carburizing using hydrocarbon and nitrogen with water vapor
	Kyoung II Moon KITECH Korea	The Current and Future Trends in Heat Treatment Technology in Korea
	Mr. Damian Bratcher Super Systems Inc. USA	Modern Approach to the Quality Control of HT Processes Based on CQI-9 Requirements
	Mr. Pierre Dupont Schaeffler Belgium Sprl/Bvba Belgium	Modern tribological Trends in the Rolling-Elements Bearing's Industry in terms of Materials, Heat Treatments & Coatings

	Debbie Aliya Aliya Analytical, USA	Optimizing Heat Treating Specifications for Medium Technology Applications Economy and Durability
	Prof. Véronique Vitry Université de Mons Belgium	Electroless nickel-boron coatings, can it replace hard chrome?
	Dr. Zoltan Kolozsvary SC Plasmaterm SA, Romania	Challenges and provocations in materials science and surface engineering at the beginning of the 21 st century
	Prof. Surendra Marya Ecole Centrale Nantes France	Welding, Additive manufacturing and clad Surface Engineering at Cross Roads- Underlying Technological and Material Science Challenges from industrial Perspectives
	Prof. Christopher Berndt Swinburne University of Technology Australia	The Structure and Properties of Thermal Spray Coatings
	Prof. M. Okazaki Nagaoka University of Technology, Japan	Adhesion Strength of Thermal Barrier Coatings Sensitive to Non-Stationary Thermal Cycle Conditions.
	Prof. Massimo Pellizzari University of Trento Italy	Heat treatment of additively manufactured steel and selected non-ferrous alloys
	Dr. Steve Offley PhoenixTM Ltd, UK	Challenges and Benefits of 'Thru-process' Temperature Profiling in the Heat Treatment Industry
	Prof. Marcel A.J. Somers Technical University of Denmark Denmark	Thermochemical Surface Engineering Of Stainless Steels With Interstitials: Symbiosis Of Science, Technology And Innovation
	Dr. Ramesh Raghavendra Waterford Institute of Technology Ireland	Current status of Additive Manufacturing - Myths and Realities