



PROGRAMME SUMMARY (TENTATIVE)



THE ASIAN SYMPOSIUM ON COMPUTATIONAL HEAT TRANSFER AND FLUID FLOW (ASCHT) – 2017

VENUE: IC & SR AUDITORIUM, IIT MADRAS

10 – 13 DECEMBER, 2017

Day – 0 (10th December, 2017, Sunday)

1700 – 1900 Hrs.	Registration and Networking – ICSR	
	Tea – ICSR Dining Hall	

Day – 1 (11th December, 2017, Monday)

0800 – 0900 Hrs.	Registration – ICSR	
Inaugural Session at ICSR Main Auditorium, IIT Madras		
0905 – 0910 Hrs.	Invocation	
0910 – 0920 Hrs.	Welcome Address	Prof. Bhaskar Ramamurthi, Director, IIT Madras and Patron, ASCHT 2017
0920 – 0930 Hrs.	Aim of the Conference	Prof. K. Muralidhar, Honorary Chair, ASCHT 2017
0930 – 0950 Hrs	Address	Chief Guest
0950 – 0955 Hrs.	Release of ASCHT – 2017 Conference proceedings	
0955 – 1000 Hrs.	Vote of Thanks	Prof. C. Balaji, Organizing Secretary ASCHT - 2017
1000 – 1025 Hrs.	Tea – ICSR Dining Hall	
1030 – 1120 Hrs.	Key Note Lecture – 1	
1125 – 1215 Hrs.	Key Note Lecture – 2	
1220 – 1310 Hrs.	Key Note Lecture - 3	
1310 – 1400 Hrs.	Lunch – ICSR Dining Hall	

Technical Session, Venue – ICSR Building				
	Track – I Venue: ICSR, Hall - 3	Track – I Venue: ICSR, Hall - 4	Track – 2 to 10 Venue: ICSR, Hall - 1	Track – 2 to 10 Venue: ICSR, Hall - 2
1400 – 1530 Hrs.	6	6	6	6
1530 – 1600 Hrs.	Tea – ICSR Dining Hall			
1600 – 1800 Hrs.	8	8	8	8
Day – 2 (12th December, 2017, Tuesday)				
0800 – 0900 Hrs.	Registration – ICSR			
0905 – 0955 Hrs.	Key Note Lecture – 4			
0955 – 1015 Hrs.	Tea – ICSR Dining Hall			
1020 – 1110 Hrs.	Key Note Lecture – 5			
1115 – 1205 Hrs.	Key Note Lecture – 6			
Technical Session, Venue – ICSR Building				
	Track – I Venue: ICSR, Hall - 3	Track – I Venue: ICSR, Hall - 4	Track – 2 to 10 Venue: ICSR, Hall - 1	Track – 2 to 10 Venue: ICSR, Hall - 2
1210 – 1310 Hrs.	4	4	4	4
1310 – 1400 Hrs	Lunch – ICSR Dining Hall			
1400 – 1530 Hrs	6	6	6	6
1530 – 1600 Hrs	Tea – ICSR Dining Hall			

Technical Session, Venue – ICSR Building				
	Track – I Venue: ICSR, Hall - 3	Track – I Venue: ICSR, Hall - 4	Track – 2 to 10 Venue: ICSR, Hall - 1	Track – 2 to 10 Venue: ICSR, Hall - 2
1600 – 1800 Hrs.	8	8	8	8
1800 – 1830 Hrs.	Tea – ICSR Dining Hall			
1845 – 2115 Hrs.	CULTURAL PROGRAMME, VENUE – ICSR BUILDING FOLLOWED BY DINNER AT ICSR DINNING HALL			
Day – 3 (13th December, 2017, Wednesday)				
0900 – 0950 Hrs.	Key Note Lecture			
0955 – 1045 Hrs.	Key Note Lecture			
1045 – 1110 Hrs.	Tea – ICSR Dining Hall			
1110 – 1200 Hrs.	Key Note Lecture			
Technical Session, Venue – ICSR Building				
	Track – I Venue: ICSR, Hall - 3	Track – I Venue: ICSR, Hall - 4	Track – 2 to 10 Venue: ICSR, Hall - 1	Track – 2 to 10 Venue: ICSR, Hall - 2
1205 – 1305 Hrs.	4	4	4	4
1305 – 1400 Hrs.	Lunch – ICSR Dining Hall			
1400 – 1600 Hrs.	8	8	8	8
1600 – 1630 Hrs.	Tea – ICSR Dining Hall			
1630 – 1700 Hrs	Valedictory Ceremony, Venue – ICSR Auditorium			

LIST OF TRACKS

Track – 1	Computational heat transfer and fluid dynamics	Track – 6	Numerical methods in multi-scale and multi-physics modeling
Track – 2	Computational multi-component and multiphase flow	Track – 7	Numerical methods in radiative heat transfer
Track – 3	Industrial heat-transfer	Track – 8	Numerical micro/nano fluid dynamics and heat transfer
Track – 4	Multiscale modeling and discrete event simulation	Track – 9	Parameter estimation and inverse problems
Track – 5	Numerical bio-fluid dynamics and heat transfer	Track – 10	Uncertainty analysis and experimental validation

LIST OF KEYNOTE SPEAKERS

Sl. No.	Name of the Speaker	Topic of the Key Note
1	Prof. T. Sundararajan, IIT Madras India	Single and Multiphase flow instability
2	Prof. Hiroshi Suzuki, Kobe University, Japan	Bulge Structure Observed in a Cavity Swept by a Visco-Elastic Fluid
3	Prof. Haecheon Choi, Seoul National University, Korea	TBA
4	Dr. Debasis Chakraborty, DRDL, Hyderabad	Thermal characterization of high speed propulsion system through CFD
5	Prof. Dongliang Sun, Beijing Institute of Petrochemical Technology, China	Recent Development of Velocity-Pressure Coupling Algorithm-IDEAL and interface Capturing Method-VOSET
6	Prof. Koji Fukagata, Keio University, Japan	Toward Dissimilar Control of Turbulent Momentum and Heat Transfer
7	Prof. Man Yeong Ha, Pusan National University, Korea	TBA
8	Prof. Qing Li, Central South University, China	Lattice Boltzmann Methods for multiphase flow and Liquid-Vapor Phase change: Theory and Applications
9	Prof. Zhiguo Qu, Xi'an Jiao tong University, China	Numerical study of heat and mass transfer in porous media