

ILASS-Asia 2016, Chennai India Day 0 (Sunday, 6th November 2016)	
18:00 ~ 21:00	Registration at the conference venue (Prefunction area of Rajendra Hall 1,2,3)
19:00	Conference Dinner at Rajendra Hall

Day 1 (Monday, 7th November 2016)						
9:00 ~ 9:40	Opening Ceremony: Rajendra Hall 1,2					
9:40 ~ 10:40	Plenary Lecture I by Prof. Dr. Eva Gutheil: Modeling of Dilute Spray Combustion: Interaction of Evaporation, Turbulence and Chemical Reactions					
	Chair: Dr B N Raghunandan					
10:40 ~ 11:00	Tea (Prefunction area of Rajendra Hall 1,2,3)					
11:00 ~ 13:00	Hall 1		Hall 2		Hall 3	
	Spray Characterization - I		Air-Assisted Atomization		Engine and UWS Sprays	
	Chair: Dr Hrishikesh Gadgil		Chair: Dr Raja Banerjee		Chair: Dr S Venkat	
	Co-Chair: Mr Sumit Joshi & Mr. Kartik R		Co-Chair: Mr S Radhakrishnan & Mr Prashanth W S		Co-Chair: Mr P Senthil & Mr Nithin J Tito	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
11:01 ~ 11:20	48. Quantitative Analysis Of Various Empirical Equations For Fuel Sprays	Peng Gu, Min Xu, David L. S. Hung, Shengqi Wu and Xue Dong	28. Experimental study of liquid jet breakup in co-axial air blast atomization	Abhijeet Kumar and Srikrishna Sahu	153. Microscopic Spray Investigation of Karanja Biodiesel and Its Effects on Engine Performance and Emissions	Chetankumar Patel, Nikhil Sharma, Nachiketa Tiwari and Avinash Agarwal
11:21 ~ 11:40	55. An approach for including evaporation in a model for predicting spray penetration	Gautham Krishnan, Narendiran Cg and Shamit Bakshi	29. Measurement of primary break-up of liquid jet in a cross-stream airblast atomizer	Shirin Patil and Srikrishna Sahu	73. Characteristics of High Pressure Ethanol Spray Flames in Diesel Engine-Like Environment using Optical Diagnostics	Madan Mohan Avulapati, Radboud Pos, Athanasios Megaritis, Jun Xia and Lionel C. Ganippa
11:41 ~ 12:00	87. Characterization of Sprays Discharging from Gas-Centered Swirl Coaxial (GCSC) Atomizer using PDI	Athul Joseph, R Sakthikumar and D Sivakumar	90. Role of the precessing vortex core on wall filming and ligament breakup inside a prefilming airblast atomizer	Shanmugadas K.P. and Chakravarthy S.R.	152. Spray Behavior of a GDI Injector at Constant Fuel Injection Pressure and Varying Engine Load	Nikhil Sharma, Chetankumar Patel and Avinash Kumar Agarwal
12:01 ~ 12:20	108. Liquid Phase Penetration of n-Hexane Sprays at different Vapour Concentration of the Ambient	Manas Pal and Shamit Bakshi	91. Atomization Studies On Coaxial Circular Injector And Coaxial Profiled Injector	Anjaneesh Shukla, Rajakumaran Nair, Kanthasamy M, Remesh G, Jayan N, Suresh M. S. and Narayanan V	Droplet Evaporation and Spray Formation of Urea Solution in High Temperature Atmosphere	Tomohiko Furuhashi, Siti Nor Ain Musa, Yoshio Zama and Masataka Arai
12:21 ~ 12:40	136. Spray Characterization Of A Multi Hole Port Fuel Heated Tip Injector	Chandrasekar Sundaravelu, Anand T N C and Ramesh A	18. An Experimental Study of Spray Characterization of Various Air Flow Configurations in a Hybrid Atomizer	Amlan Garai, Shinjan Ghosh, Swarnendu Sen and Achintya Mukhopadhyay	69. Experimental Studies on an Evaporating Droplet of Urea Water Solution; Effect of Ambient Temperature and Initial Urea Mass Fraction on Evaporation Rate	Mikhail Surendran, Anand T N C and Shamit Bakshi
12:41 ~ 13:00			16. Breakup of Conical Liquid Film with and without Coaxial Gas Flow	Zhongtao Kang, Zhen-Guo Wang, Qinglian Li and Peng Cheng	123. Numerical Modeling of adBlue Droplet Evaporation in the Context of SCR-DeNOx	Kaushal Nishad, Amsini Sadiki and Johannes Janicka
13:00 ~ 14:00	Lunch (Prefunction area of Rajendra Hall 1,2,3) / ILASS Asia committee meeting (Kaveri- 2)					
14:00 ~ 15:40	Hall 1		Hall 2		Hall 3	
	Internal Flows in Nozzles		Collision and Coalescence			
	Chair: Dr Mayank Mittal		Chair:			
	Co-Chair: Mr Sabinlal Thottarath & Mr Kartik R		Co-Chair: Mr Mikhail Surendran & Mr Prashanth W S			
	Paper # and Title	Author (s)	Paper # and Title	Author (s)		
14:01 ~ 14:20	137. X-Ray High-Speed Visualization of Cavitation in Fuel Injector and Discharged Liquid Jet	Akira Sou, Takashi Miwa, Rubby Prasetya, Takumi Kasahara, Seoksu Moon, Yoshitaka Wada and Hideaki Yokohata	44. High fidelity simulations of binary collisions of liquid drops	Sarang Holay, Shashank Jaiswal, Rajesh Reddy and Raja Banerjee		
14:21 ~ 14:40	133. The New Cavitation Bubble Model inside the Nozzle in Consideration of the Bubble Dynamics with Bubble Nucleation Model	Shingo Murakami, Vikas Semwal, Masahiro Matsuura, Eriko Matsumura and Jiro Senda	83. Experimental measurement of droplet coalescence in three-dimensional turbulence	M Shyam Kumar, S.R Chakravarthy and M Mathur		
14:41 ~ 15:00	145. Study of Cavitation and 3D Needle Movement due to Erosion in Fuel Injection Nozzles Using Coupled Simulation Tools	Bejoy Mandumpala Devassy, Wilfried Edelbauer and David Greif	79. Droplet coalescence statistics in a low-pressure multi-hole injector using high-speed imaging	Rohit Singh Pathania, Satyanarayanan R. Chakravarthy and Pramod S. Mehta		
15:01 ~ 15:20	45. Effects of Internal Deposits on Sprays of a Gasoline Direct Injector	Haoyi Song, Jin Xiao, Kai Yu, Xianpei Yang, Xinqi Qiao, Dehao Ju, Zhen Huang, Qi Yin, Xiaojin Bai and Xuewei Pan	27. Experimental investigation of droplet collision and dispersion in interacting sprays	Manish M and Srikrishna Sahu		
15:21 ~ 15:40	32. Influence of Pressure Oscillation Induced Klystron Effect on the Inner Flow and Spray Characteristics of Pressure Swirl Injector	Peng Cheng, Zhongtao Kang, Huiyuan Chen, Xinqiao Zhang and Qinlian Li				
15:40 ~ 16:00	Tea (Prefunction area of Rajendra Hall 1,2,3)					

Day 1 (Monday, 7th November 2016) (Contd..)						
16:00 ~ 17:40	Hall 1		Hall 2		Hall 3	
	Numerical Sprays - I		Droplet Evaporation, Combustion and Impact		Engine Sprays - II	
	Chair: Dr Keiya Nishida		Chair: Dr Mahesh Panchagnula		Chair: Dr Hiroshi Tashima	
	Co-Chair: Mr Sumit Joshi & Mr Sabinlal Thottarath		Co-Chair: Mr Mikhil Surendran & Mr Keerthi Ganesh		Co-Chair: Mr P Senthil & Mr Manas Pal	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
16:01 ~ 16:20	116. Validation of Discrete Spray Models for a Movable Pintle Injector of Liquid Rocket Engines	Kanmaniraja Radhakrishnan, Min Son, Keonwoong Lee and Jaye Koo	20. Spreading Dynamics of Shear-Thinning Fluid Drop Impact on Hydrophobic Substrate	Purushothaman Nandagopalan, Jerin John, Ankur Miglani and Seung Wook Baek	118. Droplet diameter measurement near a nozzle exit of a gasoline DISI injector	Nobuyuki Kawahara and Eiji Tomita
16:21 ~ 16:40	01. Numerical Modeling on Liquid Fuel Injected Spray Break-up and Evaporation with Elevated Pressures in BERL Burner	Ramesh Repaka and Gurunadh Velidi	43. Effect of ambient gas on pendant droplet evaporation	Radhakrishnan S, Anand T N C and Shamit Bakshi	15. The Effect of Fuel Injection Timing on the Macroscopic Spray Characteristics in a Gasoline Direct-Injection Engine with Optical Access	Ashish Bisht, Mayank Mittal and Harold Schock
16:41 ~ 17:00	24. Numerical Simulation Of Extinction Conditions Of Counterflow Methane Diffusion Flames Using Polydisperse Water Spray	Akaashdeep Singh, A. Harish and Vasudevan Raghavan	139. Experimental investigation of droplet evaporation under forced convective conditions	Saurabh Markandeya and R. V. Ravikrishna	25. Liquid and Vapour penetration length estimation for GDI spray of Iso-octane and alcohols at elevated pressure and temperature conditions	Rakesh Kale and Raja Banerjee
17:01 ~ 17:20	07. Numerical Investigation Of Extinction Condition Of Flat And Curved Counterflow Laminar Diffusion Flame With Polydisperse Water Sprays	Sourav Sarkar, Achintya Mukhopadhyay and Swarnendu Sen	119. Disruptive Combustion Behavior of Gelled Ethanol Fuel Droplets	Ankur Miglani, Purushothaman Nandagopalan, Jerin John and Seung Wook Baek	67. Numerical Prediction of Purging of a GDI nozzle at the End of Injection	Sandeep Mouvanal, Axel Burkhardt, Dhiman Chatterjee and Shamit Bakshi
17:21 ~ 17:40	09. Numerical Study Of The Effect Of Fine Polydisperse Water Spray On Laminar Flame Speed Of Hydrogen/Air Premixed Flames Stabilized In The Stagnation Flow Field	Joydeep Munshi, Sourav Sarkar, Achintya Mukhopadhyay and Swarnendu Sen			131. Experimental analysis of spray characteristics using fuel heating for D.I.S.I. engines	Eriko Matsumura, Keitaro Imori, Yudai Sakai and Jiro Senda
18:00 ~ 19:30	Cultural Programme					
19:30	Conference Dinner					

8 Nov 2016	Day 2 (Tuesday, 8th November 2016)					
9:00 ~ 10:00	Plenary Lecture II by Prof. Dr-Eng Jiro Senda: Artificial Control in Spray Combustion Process Based on Fuel Design Concept for Engine Systems					
	Chair: Dr Pramod S Mehta					
10:00 ~ 10:30	Tea (Prefunction area of Rajendra Hall 1,2,3)					
10:30 ~ 12:30	Hall 1		Hall 2		Hall 3	
	Spray Characterization - II		Impinging Sprays		Air-Assisted Atomization, Supersonic flows	
	Chair: Dr Wei-Hsin Chen		Chair: Dr Srikrishna Sahu		Chair: Dr Achintya Mukhopadhyay	
	Co-Chair: Mr Manas Pal & Mr Nithin J Tito		Co-Chair: Mr S Radhakrishnan & Mr Keerthi Ganesh		Co-Chair: Mr Sabinlal Thottarath & Mr Prashanth W S	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
10:31 ~ 10:50	35. Design and Analysis of a High Pressure Swirl Atomizer	Abhijit Kushari, Suresh Lal and Pranay Matkar	88. Like-on-Like Impingement and Atomization of Highly Viscous Fluids	Irene Del Carmen Ruiz-Rodriguez, Madan Avulapati and Lionel C. Ganippa	77. Investigation of forward injection of impinging liquid jets in supersonic cross flow	Sathiyamoorthy K, Venkat S. Iyengar, Panchabudhe Lakhan M, Muruganandam T. M and Satyanarayanan R. Chakravarthy
10:51 ~ 11:10	36. Spray Characteristics from a Twin-Fluid Atomizer with Internal Impactor	Abhijit Kushari, Deepak Kumar, Tushar Sikroria, Pramod Kumar, P. V. C. Rao and N. V. Choudary	54. Experimental investigation of behavior and drop size of impinging spray at ultra-low temperature conditions	Huijia Lv, David L. S. Hung, Min Xu, Xue Dong and Hujie Pan	58. A Spray Structure Model of Liquid Jet being injected into Supersonic Gaseous Cross-flow	Qinglian Li, Liyin Wu, Chun Li and Yeming Zeng
11:11 ~ 11:30	51. Spray cross-sectional pattern analysis of a SIDI multi-hole injector under various flash boiling conditions	Shangze Yang, Min Xu, David L. S. Hung and Shengqi Wu	100. Drop size distribution effects in intersecting sprays	Dhivyaraja Kumaran, Sri Vallabha Deevi and Mahesh V Panchagnula	31. Investigations on Droplet Sizes of Liquid Jet Atomization in Supersonic Crossflow	Yeming Zeng, Qinglian Li, Liyin Wu and Chun Li
11:31 ~ 11:50	61. Experimental Investigations on Spray Characteristics of Potential Fuels for Advanced Combustion Engines	M Murugesu Pandian and K Anand	81. Mixing field and penetration of impinging twin liquid jets injected obliquely against super-sonic air crossflow	Venu Ganapuram, Dr. Venkat S. Iyengar, Sathiyamoorthy K, Srinivas J, Prof.Muruganandam T M and Prof.Sathyanarayana R Chakravarthy	10. Experimental study on cavity influence on liquid jet-penetration in supersonic crossflow	Chenyang Li, Qinglian Li, Chun Li and Liyin Wu
11:51 ~ 12:10	109. Experimental and numerical characterization of fatty acid and methyl ester sprays	Rajan Lanjekar and Devendra Deshmukh	149. Numerical Simulation of Impinging Jets with Newtonian and Non-Newtonian Fluid using 3-D unsteady Finite Element VOF solver	Atish Ezhuthasan, Jayakumar J S, T Jayachandran and Ajith M		
12:11 ~ 12:30	110. Effect of biodiesel-ethanol blends on spray atomization	Vasudev Chaudhari, Aniket Kulkarni and Devendra Deshmukh	22. Numerical Simulation Of Atomization By The Oblique Collision Of Two Newtonian Jets	Navaneeth Krishnan, P S Rajagopal, Madhukar .M. Rao and Akshai K Runchal		
12:30 ~ 13:30	Lunch (Prefunction area of Rajendra Hall 1,2,3)					
13:30 ~ 15:10	Hall 1		Hall 2		Hall 3	
	Engine Sprays - III		Swirl Spray		Image Processing	
	Chair: Dr Manish Garg		Chair: Dr David Hung		Chair: Dr Liguang Li	
	Co-Chair: Mr Sumit Joshi & Mr Kartik R		Co-Chair: Mr P Senthil & Mr Keerthi Ganesh		Co-Chair: Mr S Radhakrishnan & Mr Sabinlal Thottarath	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
13:31 ~ 13:50	132. Analysis in Unsteady Evaporating Gasoline Spray with LIEF Method	Masahiro Matsuura, Vikas Semwal, Shingo Murakami, Eriko Matsumura and Jiro Senda	95. Breakup dynamics of liquid sheet in coaxial swirling gas flow field	Kuppuraj Rajamanickam, Vishnu Goodwill and Saptarshi Basu	78. Prediction of windward trajectory of liquid jet in cross flow using image processing technique	G Muthu Selvan, Suriyanarayanan P, Jeyaseelan A R, Rajeshwari N, Muralidhara H S and Venkatakrishnan L
13:51 ~ 14:10	134. Verification of Breakup Model for Direct Injection Gasoline Spray	Tomoyuki Mukayama, Hirotaka Tabata, Eriko Matsumura and Jiro Senda	70. A study on the flow characteristics of bi-swirl injectors for a thrust chamber	Wonjae Yoon, Kyubok Ahn and Bom Lee	04. Development Of Algorithm For Determining Particle Size In Pdia	Tryambak Gangopadhyay, R. V. Ravikrishna and Achintya Mukhopadhyay
14:11 ~ 14:30	140. Spark-Ignited Combustion Characteristics of Gasoline Spray Injected by Hole-Type Nozzle for Direct Injection Engine	Keiichi Katayama, Kishorkumar Gnanasekaran, Hongliang Luo, Keiya Nishida and Yoichi Ogata	21. Spray Dynamics in a Swirling Jet Air-blast Atomizer	Abhijit Kushari, Srihari Dinesh Kumar Juvva and S Mariappan	84. POD and DMD of circular liquid sheet originated from a simplified pendent type fire sprinkler	Chetankumar S. Vegad, Ramgopal Sampath, S. R. Chakravarthy and Amit Kumar
14:31 ~ 14:50	143. Air Entrainment of High Pressure Methane Gas and Effects of Nozzle Diameter and Injection Pressure	Hiroshi Tashima, Daisuke Tsuru and Yusuke Shintani			93. Design, Development and Experimental Validation of an Open Source Program for Particle/Droplet Image Analysis	Aravindh Babu and Anand T N C
14:51 ~ 15:10	146. Schlieren, Shadowgraph, Mie-scattering visualization of diesel and gasoline sprays in high pressure/high temperature chamber under GDCI engine low load condition	Donghoon Kim, Sungsan Park and Choongsik Bae				
15:10 ~ 15:30	Tea (Prefunction area of Rajendra Hall 1,2,3)					
15:30 ~ 17:30	Hall 1		Hall 2		Hall 3	
	Numerical Sprays - II		Misc Sprays -I		Misc Sprays -II	
	Chair: Dr Madan Mohan		Chair: Dr Choongsik Bae		Chair: Dr Masatoshi Daikoku	
	Co-Chair: Mr Manas Pal & Mr Kartik R		Co-Chair: Mr Mikhil Surendran & Mr Senthil P		Co-Chair: Mr Sumit Joshi & Mr Nithin J Tito	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
15:31 ~ 15:50	97. LES of particle laden flows	Sri Vallabha Deevi and Joseph Mathew	57. Microscopic Observation of Fuel Spray Injected into Cross-Flow and Impinged on Flat Wall	Min Guo, Zhanbo Si, Nagisa Shimasaki, Keiya Nishida, Youichi Ogata, Julien Manin and Chenglong Tang	42. Suppression of Obstructed Fire using Water Mist Generated by a Twin-Fluid Nozzle	Abhijit Kushari and Suresh Lal
15:51 ~ 16:10	114. Computational study of liquid jet breakup in swirling cross flow	Surya Prakash Ramesh, Suhas Jain Suresh, Gaurav Tomar, Ravikrishna R V and Raghunandan B N	125. Experimental investigation on flow characteristics of diesel spray impinging on flat wall	Yoshio Zama, Yotstugu Odawara and Tomohiko Furuhashi	05. Effect of Side-Tube on the Agglomeration of Carbon Dioxide Snow	Tien-Chu Lin, Shih-Hua Liu, Yu-Hao Li and Mu-Rong Wang
16:11 ~ 16:30	62. A glance at Omega-Y and VOF-DPM hybrid spray models using studies to demonstrate their industrial applicability	Vivek Kumar, Markus Braun and Jochen Schuetze	68. Intensification of hydrogen production from methanol partial oxidation using sprays	Wei-Hsin Chen	129. Characteristics of zirconia-ethanol suspension spray with thin coaxial twin-fluid atomizer for suspension plasma spraying	Norihiko Iki, Masato Suzuki, Mohammed Shahien and Takashi Okada
16:31 ~ 16:50	147. Simulating a mechanical fuel injection system to improve its capabilities	Balasubramanian N., Vivekkumar U. and Jayabalan S.	06. Production of Microspheres with Hybrid Atomization Processes for Medical Embolization	Po-Yen Chen, Pei-Yu Ho and Muh-Rong Wang	154. Effect of Acoustic excitation on the Spray Characteristics of a Hollow Cone Spray	Aravind I B and S R Chakravarthy
16:51 ~ 17:10	64. Numerical Simulation of Transport of PolydispersePolykinetic Spray in Spatio-temporally Fluctuating Crossflow using Quadrature Method of Moments	Sudeepta Mondal, Aravindhan Ramesh and Achintya Mukhopadhyay	76. A study on atomization process for carbon black reactor	Madhavi Gupta, Raj Gopal Tripathi, Manoj Kandakure and Ranjan Ghosal	135. Electrostatic Application to Ethanol Based Fuel Injected through Multiple Nozzles	Juan Carlos González Palencia, Yasutaka Watanabe, Akito Onozato, Mikiya Araki and Seiichi Shiga
17:11 ~ 17:30	150. A Rudimentary Model for Breakup Length in Effervescent Sprays	Hrishikesh Gadgil and Raghunandan B.N.	23. Jet characteristics of high pressure gas under argon atmosphere	Yinchun Gong, Xuehai Gong, Jun Deng and Liguang Li	60. Experimental Investigation of Melt Delivery Tube Position on Liquid Metal Atomization	Prashanth Satchidanandam, Sabin Lal, Supriya Sarkar, Anand T N C and Shamit Bakshi
18:00 ~ 19:30	Cultural Programme (Venue 1,2)					
19:30	Conference Dinner (Venue 3)					

9 Nov 2016	Day 3 (Wednesday, 9th November 2016)					
9:00 ~ 10:00	Plenary Lecture III by Prof. Dr. Marcus Herrmann: Simulating Atomization in Complex Injector Geometries					
	Chair: Dr R V Ravikrishna					
10:00 ~ 10:30	Tea (Prefunction area of Rajendra Hall 1,2,3)					
10:30 ~ 12:30	Hall 1		Hall 2		Hall 3	
	Spray Characterization - III		Atomization and Breakup		Misc Sprays-III	
	Chair:		Chair:		Chair: Dr Qinglian Li	
	Co-Chair: Mr Manas Pal & Mr Keerthi Ganesh		Co-Chair: Mr Sabinlal Thottarath & Mr Prashanth W S		Co-Chair: Mr S Radhakrishnan & Mr Mikhil Surendran	
	Paper # and Title	Author (s)	Paper # and Title	Author (s)	Paper # and Title	Author (s)
10:31 ~ 10:50	112. Experimental Studies on Evaporating Sprays of Diesel & Jatropa Methyl Ester (JME)	Prasad Boggavarapu and Ravikrishna R.V.	121. A Consideration on Cavitation and Flash Boiling Atomization	Masataka Arai, Jiro Senda and Min Xu	02. Numerical Analysis of Pre- Detonation chamber properties with varying mass flow rates using hydrogen/air mixture and its effects in Pulse Detonation Engine.	Dheeraj Kumar Singh C T and Gurunadh Velidi
10:51 ~ 11:10	138. Experimental analysis on the swirl spray formation under low injection pressure	Shogo Sakatani, Akihiro Niwa, Jun Kaniyu and Eriko Matsumura	128. Atomization Characteristics of Rotary Bell Cup Atomizer with Shaping Air Flow	Masatoshi Daikoku, Souta Nyui, Tatsuya Soma, Yasuhiro Saito, Yohsuke Matsushita, Hideyuki Aoki, Minoru Shiota, Takao Inamura, Shin Ogasawara and Junichi Fukuno	49. Influence Of Swirl Ratio On Fuel Distribution And Cyclic Variation Under Flash Boiling Conditions	Jie Yang, Min Xu, David L.S. Hung, Qiang Wu and Xue Dong
11:11 ~ 11:30	148. Spray Characteristics Of High Rotating Speed Slinger Of Verti-Cal Distribution	Mohammad Aqib Khan, Yu-Ting Chen and Wei-Shiang Lai	92. Studies on Secondary Atomization of Molten Gallium Droplets at Nearly Critical Weber Numbers	Sumit Joshi and Anand T N C	104. Relating In-Cylinder Crank-Angle-Resolved Flame Temperature Measurement to Air-Fuel Ratio in a PFI Spark-Ignition Engine using Two-Colour Method	V Balaji, R Pradheep, Mayank Mittal, Pramod S Mehta, S R Chakravarthy and V Lakshminarasimhan
11:31 ~ 11:50	89. Effect of liquid properties on the oscillation of elliptical liquid jets	K.R. Rajesh, R. Sakthikumar, M.V. Narasimha Prasad and D. Sivakumar	13. Numerical Investigation of Molten Fuel Jet Breakup inside a Liquid Pool	Tuhin Maitra, Priyankan Datta, Aranyak Chakravarty, Achintya Mukhopadhyay, Koushik Ghosh and Swarnendu Sen	85. Imaging of Fuel Distribution in a PFI Spark-Ignition Engine using Planar Laser-Induced Fluorescence	R Pradheep, V R Rajagopalan, V Balaji, Pramod S Mehta, Mayank Mittal and S R Chakravarthy
11:51 ~ 12:10	99. Identifying Non-Markov effects in sprays	Bhaumik Shah, Sri Vallabha Deevi, Arun Tangirala and Mahesh Panchagnula	117. Effect of Density Ratio on the Secondary Breakup of Spherical Drops in a Gas Flow	Suhas Jain Suresh, Neha Tyagi, Gaurav Tomar, Surya Prakash R and R V Ravikrishna	17. Numerical Simulation of Aerosol Transport and Dynamics in a Mixing Chamber	Janki Shinde, Pranav Dave, P. S. Rajagopal, Manish Joshi, B K Sapra, S Anand, Madhukar .M. Rao and Akshai K Runchal
12:11 ~ 12:30			52. Breakup of a Liquid Jet under Rigid-Body Rotation	Hsin-Wei Huang, Chun-Chia Chang, Chun-Kuei Chen and Ta-Hui Lin		
12:40 ~ 13:00	Concluding ceremony (Hall 1,2)					
13:00 ~ 14:00	Lunch (Prefunction area of Rajendra Hall 1,2,3)					
14:00	Tour to Dakshin Chitra					
18:00	Return to conference venue/hotels					

Thursday, 10th November 2016
Optional tour to Mahabalipuram (UNESCO world heritage center)