



## 20th December, Forenoon (10.15 AM - 12.30 PM)

### Session 4: Fluid Mechanics

Session Chair: Prof. Baburaj AP (IIT Madras)

Zoom Link: <https://us02web.zoom.us/j/86422412981?pwd=VFNXRktld1NHZ0l1Ny9GUUnVaVEFFUT09>

Note: Only Session Chair and Presenting Author of the listed papers should join using Zoom Link. Other Registrants should join as audience through conference web portal.

Paper No	Author(s)	Title	Affiliation	Time
592	Pradeep Jadhav and Vagesh D. Narasimhamurthy	Wake Dynamics of turbulent flow over a normal flat plate : a DNS study	Indian Institute of Technology Madras	10.15 - 10.30 AM
619	Kain Dipendrasingh, Srinivas Mvv and Arun Kumar	Study of Flow and Heat Transfer Properties for a 2D geometry of linear Gas Turbine Blade cascade at Transonic Flow Condition	Indian Institute of Technology Jodhpur	10.30 - 10.45 AM
674	Narasimha Varadhan Madhavan, Vagesh D Narasimhamurthy and Abhinav Singh	Wake dynamics of normal flat plates: effect of perforation orientation	Indian Institute of Technology Madras, GE Renewable Energy	10.45 - 11.00 AM
676	Sanjeet Kumar, Sripriya Ramamoorthy and Shankar Krishnan	Airflow study in metal foams: direct simulation and experiment	IIT Bombay	11 - 11.15 AM
679	Ks Santhosh and Dr. S. Anil Lal	Prediction of Temperature Distribution in a Hypersonic Re-entry Capsule using DSMC Method	College of Engineering Trivandrum	11.15 - 11.30 AM
680	Abhishek Singh and Parmod Kumar	Impact of droplet on superhydrophobic curved surface	Indian Institute of Technology Mandi	11.30 - 11.45 AM
692	Sree Raj V, Rutvik Solanki, Vamsi Chalamalla and Sawan Sinha	Numerical simulations and analysis of flow past vertical-axis wind turbines employing the actuator line method	Indian Institute of Technology Delhi	11.45 - 12.00 PM
693	Tanmay Agrawal, Narsing K Jha and Vamsi K Chalamalla	Towards understanding air curtain flows using RANS based numerical simulations	Indian Institute of Technology Delhi	12.00 - 12.15 PM

Note: All times are Indian Standard Time (IST)