

## First UK-Indian OpenFOAM Symposium – Draft Programme

### Day 1 (Friday, 7 June 2024)

\* Time in IST

14:00- 14:30	Inauguration and Outline of Day 1
Session 1:	
14:30-15:00	Keynote lecture: Prof. Kannan Moudgalya, IIT Bombay - FOSSEE
15:00-15:30	Keynote lecture: Prof. Håkan Nilsson, Chalmers University of Technology, Sweden.
15:30-16:00	Keynote lecture: Prof. Gavin Tabor, University of Exeter - OpenFOAM Technical Committee.
Session 2:	
16:00-17:00	Panel Discussion on Open-Source VS Inhouse Code Development Moderator: Dr Chandan Bose Panellists: Prof. Gavin Tabor, University of Exeter Prof. Atul Sharma, IIT Bombay Prof. Sunetra Sarkar, IIT Madras Prof. Somnath Roy, IIT Kharagpur
17:00-17:10	Break
Session 3:	
17:10-17:30	Invited Talk: Dr. Philip Cardiff, University College Dublin
17:30-17:50	Invited Talk: Dr. Timofey Mukha, KAUST
17:50-18:10	Invited Talk: Dr. Liang Yang, Cranfield University
18:10-18:20	Break
Session 4:	
18:20-18:40	Invited Talk: Dr. Rahul Haldar, SISSA mathLab
18:40-19:00	Invited Talk: Mr. Rajdeep Adak, FOSSEE, IIT Bombay
19:00-19:20	Invited Talk: Prof. Sumanta Acharya, IIT Chicago, USA
19:20-19:30	Closing Day 1

### Day 2 (Saturday, 8 June 2024)

\* Time in IST

10:00- 10:15	Opening of Day 2
Session 5:	
10:15-10:45	Keynote lecture: Prof. Suman Chakraborty, IIT Kharagpur
10:45-12:00	Ms. Rajanya Chatterjee, IIT Madras
11:00-11:15	Ms. Doudou Huang, University of Edinburgh
11:15-11:30	Ms. Arahata Senapati, IIT Kharagpur
11:30-11:45	Break
Session 6:	
11:30-11:45	Mr. Sourish Singha, IIT Kharagpur
11:45-12:00	Mr. Abhishek Sharma, IIT Kharagpur
12:00-12:15	Mr. Paras Singh, Delhi Technological University

12:15-13:00	Training Session 1: Dr. Shubham Goswami, University of Alberta <b>Advanced techniques for analyzing OpenFOAM data in Python</b>
13:00-14:00	Lunch Break
Session 7:	
14:00-14:45	Training Session 2: Dr. Thaw Tar, CFD Monkey <b>Tips and tricks for meshing with snappyHexMesh</b>
14:45-16:00	Training Session 3: Dr. John Pinto, FOSSEE, IIT Bombay <b>Introduction to heat transfer simulations</b>
16:00-16:15	Break
Session 8:	
16:15-16:30	Training Session 4: Dr. Rajaram Lakkaraju's Group, IIT Kharagpur <b>Introduction to multiphase flow simulations</b>
16:30-16:45	Training Session 5: Dr. Chandan Bose, University of Birmingham <b>Dynamic meshing strategies for aerodynamics and FSI problems</b>
16:45-17:00	Closing Day 2