

List of Speakers and Tentative Lecture Titles – AIME 2024 (April 26-27, 2024)

S. No.	Speaker Name	Institute	Lecture Title
1	Dr. Sai Gautam	Indian Institute of Science, Bangalore	Machine learning based coarse graining and interatomic potentials for materials
2	Dr. Hariprasad Gopalan	Indian Institute of Technology, Ropar	Deep learning for mechanical length scale bridging in fusion relevant irradiated steels
3	Dr. Alankar Alankar	Indian Institute of Technology Bombay	AI-based workflows for material design and virtual testing
4	Dr. Abhishek Singh	Indian Institute of Science, Bangalore	ML for electronic materials design and discovery
5	Dr. Rohit Batra	Indian Institute of Technology Madras	Machine learning for Materials Engineering
6	Dr. M.Vasudevan	Indira Gandhi Centre for Atomic Research, Kalpakkam	AI/ML in welding process monitoring and microstructure prediction
7	Dr. Ajay Shukla& Prof. Brahma Deo	Indian Institute of Technology, Madras	AI/ML for Iron and Steel Industry
8	Dr. Sathyam Sahay	John Deere Enterprises	AI/ML in Heat treatment
9	Dr. Niyanth Sridharan	Lincoln Electric	AI/ML in Welding
10	Dr. R. Ramakrishnan	DRDO-DYSLM	AI/ML for shape memory alloys
11	Dr. Shubhabrata Datta	SRM University	AI/ML in Data-driven design of biomedical composites
12	Dr. Sounthararajan	Amirtha University	AI/ML techniques and their applications in materials
13	Dr. Ashutosh Kumar	Corrosion Intelligence	AI/ML for Corrosion
14	Dr. Abhishek Tiwari	IIT Roorkee	AI/MI in Materials