



SCIENTIFIC SUMMITS

WSEFM-2025

Tentative Program



World Summit and Expo on

Fluid Mechanics

March 24-26, 2025 | Paris, France

DAY-1, 24 March-2025 | Monday

09:00-09:20 **Registrations**

09:20-09:30 **Opening Ceremony**

Title: To be Announced
09:30-10:10 **Yogesh Jaluria**, The State University of New Jersey

Title: To be Announced
10:10-10:50 **Subrata Roy**, University of Alabama, USA

10:50-11:10 | Coffee Break

11:10-11:50 **Title:** Leveraging Two-Phase Flow Dynamics
Saeed Moghaddam, University of Florida, USA

11:50-12:25 **Title:** Study of the Thermal and Hydraulic
Ziad Saghir, Toronto Metropolitan University, Canada

12:25-13:00 **Title:** Using Machine Learning for Improving Non-Linear eddy Viscosity models and wall functions
Lars Davidson, Chalmers University of Technology, Sweden

13:00-14:00 | Lunch Break & Group Photo

14:00-14:35 **Title:** To be Announced
Imane Khalil, Binghamton University, USA

14:35-15:10 **Title:** Violations of the Dissipation Inequality in Molecular Fluids and Granular media
Martin Ostoja Starzewski, University of Illinois, USA

15:10-15:45 **Title:** Seismic Performance of Steel Frame Moment Connections Equipped with Yield Dampers by Considering Distance Ratio
Mahdi Hosseini, Nanjing Forestry University, China

15:45-16:00 | Coffee Break

16:00-16:25 **Title:** To be Announced
Silvia Lorenzani, Politecnico di Milano, Italy

16:25-16:50 **Title:** Advances in Erosion by Turbulent Particle-Laden Flow
Ariel Orlando Espinoza Jara, Pontificia Universidad Catolica De Chile, Chile

16:50-17:15 **Title:** Numerical Challenges in Computing Compressible Flows
J C Mandal, Indian Institute of Technology Bombay, India

****End of Day 01****

Tuesday March 25, 2024 | Day-2

09:00-09:25

Title: Engineering and Medicine Applications of the Tri-Hybrid Nanofluids
Oudina Fateh, Skikda University, Algeria

09:25-09:50

Title: To be Announced
Luis Perez Heras, Fundación CIRCE, Spain

10:50-10:15

Title: To be Announced
Gengxiang Wang, Xi'an University of Architecture and Technology, China

10:15-10:40

Title: To be Announced
Donatella Termini, Palermo's University Italy

10:40-11:00 | Coffee Break

11:00-11:15

Title: Uncertainty Operation and Planning Method of Distribution Cyber-Physical System under Low-carbon Era
Hanshen Li, North China Electric Power University, China

Slots Available

Note: This is a tentative program, there might be changes

