

| 2nd International Symposium on AI and Fluid Mechanics (AIFLUIDs 2026)                                                                                                              |                                                                                                                                                                                           |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monday 31 August: Mini-Symposia - Quantum Computing for CFD & AI and Experimental Fluid Mechanics<br>MAICh Conference Centre, Chania, Crete, Greece • 31 August – 3 September 2026 |                                                                                                                                                                                           |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
| Time                                                                                                                                                                               | Day 1<br>Tuesday 1st September                                                                                                                                                            | Day 2<br>Wednesday 2nd September                                                                                                                                                                                     | Day 3<br>Thursday 3rd September                                                                                                                                                                                         |
| 07:45 – 08:25                                                                                                                                                                      | Registration / Coffee (07:45 – 08:25)                                                                                                                                                     | Coffee & Refreshments (08:00 – 08:45)                                                                                                                                                                                |                                                                                                                                                                                                                         |
| 08:25 – 08:45                                                                                                                                                                      | Welcome Address - Prof. M. Gavaises (City St George University, UK)                                                                                                                       |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
| Plenary Talks<br>08:45 – 09:30                                                                                                                                                     | Steve Brunton<br>(University of Washington, USA)                                                                                                                                          | Bernd R. Noack<br>(Shenzhen University, China)                                                                                                                                                                       | David Hung<br>(Shanghai Jiao Tong University, China)                                                                                                                                                                    |
| 09:30 – 10:15                                                                                                                                                                      | Zhi Chen<br>(Peking University, China)                                                                                                                                                    | Jiaqing Kou<br>(Northwestern Polytechnical University, China)                                                                                                                                                        | Min Xu<br>(Shanghai Jiao Tong University, China)                                                                                                                                                                        |
| 10:15 – 11:00                                                                                                                                                                      | Coffee Break, Refreshments (fruits, snacks)                                                                                                                                               |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
| 11:00 – 12:45<br>Parallel Sessions                                                                                                                                                 | Room A: S4 Physics-informed Models<br>Room B: S5 Rein. Learning, Dimens. Reduction & ROM<br>Room C: S1 Machine Learning<br>Room D: S10 Turbulence<br>Room E: S8 PDE Solvers               | Room A: S4 Physics-informed Models<br>Room B: S5 Rein. Learning, Dimens. Reduction & ROM<br>Room C: S11 Industrial & Applied ML in Fluid Systems<br>Room D: S13 Multi-phase<br>Room E: S6 Combustion, Flames, Sprays | Room A: S3 Optimisation and Design<br>Room B: S9 Inference, Sensing, Inverse Modelling<br>Room C: S12 Experimental Data<br>Room D: S15 Heat Transfer<br>Room E: S8 PDE Solvers                                          |
|                                                                                                                                                                                    | Lunch (MAICh restaurant)                                                                                                                                                                  |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
| Plenary Talks<br>14:00 – 14:45                                                                                                                                                     | Jean-Jacques Slotine<br>(MIT, USA)                                                                                                                                                        | Nils Thuerey<br>(TU Munich, Germany)                                                                                                                                                                                 | Charbel Farhat<br>(Stanford University, USA)                                                                                                                                                                            |
| 14:45 – 15:30                                                                                                                                                                      | Alessandro Parente<br>(Université Libre de Bruxelles, Belgium)                                                                                                                            | Adrian Lozano Duran<br>(MIT, USA)                                                                                                                                                                                    | Vladimir Vanovskiy<br>(Skolkovo Institute of Science and Technology, Russia)                                                                                                                                            |
| 15:30 – 16:15                                                                                                                                                                      | Sponsor Presentations                                                                                                                                                                     | Coffee Break, Refreshments                                                                                                                                                                                           | Round Table:<br>Q&A with Industry Panel                                                                                                                                                                                 |
| 16:15 – 17:00                                                                                                                                                                      | Coffee Break, Refreshments                                                                                                                                                                | 16:15 - 17:15<br>Room A: S4 Physics-informed Models<br>Room B: S5 Dimensionality Reduction & ROM<br>Room C: S1 Machine Learning<br>Room D: S3 Optimisation and Design<br>Room E: S14 Turbomachinery and Airfoils     | Coffee Break, Refreshments                                                                                                                                                                                              |
| Parallel Sessions                                                                                                                                                                  | 17:00 – 18:00<br>Room A: S5 Dimensionality Reduction & ROM<br>Room B: S1 Machine Learning<br>Room C: S10 Turbulence<br>Room D: S13 Multi-phase<br>Room E: S14 Turbomachinery and Airfoils |                                                                                                                                                                                                                      | 17:00 – 18:00<br>Room A: S10 Turbulence<br>Room B: S4 Physics-informed Models<br>Room C: S7 Reinforcement Learning and Flow Control<br>Room D: S2 Digital Twins<br>Room E: S11 Industrial & Applied ML in Fluid Systems |
|                                                                                                                                                                                    | 18:15 Closing Remarks (Prof Gavaises)<br>Farewell Drinks, Gala Dinner,<br>Cretan Night & Dance                                                                                            |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
| 18:30 – 23:00                                                                                                                                                                      |                                                                                                                                                                                           |                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |