



PROGRAMME OVERVIEW

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THURSDAY, SEPTEMBER 15TH 2022

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| | BANQUET HALL (Level -2) | SKALKOTAS HALL (Level -1) | MC2 HALL (Level -1) | MC3 HALL (Level -1) | MC3.2 HALL (Level -1) | MC3.3 HALL (Level -1) | MC3.4 HALL (Level -1) | MC3.5 HALL (Level -1) | CONFERENCE HALL 1 (Level 1) | CONFERENCE HALL 2 (Level 1) | MULTIPURPOSE HALL (Level 0) | LECTURE HALL (Level 0) |
|-------------|--|--|---|---|---|---|---|---|---|---|---|---|
| 08:30-09:15 | INVITED LECTURE 3 Chair: F. Tavares de Pinho M. Uhlmann: <i>Dynamics of finite-size particles in turbulent flows</i> | | | | | | | | | | | |
| 09:15-10:00 | INVITED LECTURE 4 Chair: D.T. Papageorgiou A. Juel: <i>Instabilities and pattern formation in viscous fingering</i> | | | | | | | | | | | |
| 10:00-10:30 | <i>COFFEE BREAK</i> | | | | | | | | | | | |
| 10:30-13:00 | SESSION 6 | | | | | | | | | | | |
| | Turbulence 6 Chair: P. F. Linden | Drops and bubbles 6 Chair: Y. Shikhmurzaev | Wetting and capillarity 1 Chair: N. Savva | Control and drag reduction 1 Chair: O. Tammisola | Aero-dynamics 2 Chair: T. Lyubimova | Rotating flows Chair: J. Lopez | Mini Symposium 1 Shear flows over complex surfaces (Part 2) Chair: S. Bagheri | | Instability 6 Chair: A. Hogg | Magneto-hydrodynamics Chair: N. Pelekasis | Geophysical flows 1 Chair: K. Van Der Weele | Machine learning and data driven approaches for CFD 2 L. Biferale |
| 13:00-14:30 | <i>LUNCH BREAK</i> | | | | | | | | | | | |
| 14:30-16:30 | SESSION 7 | | | | | | | | | | | |
| | Turbulence 7 Chair: M. Uhlmann | Drops and bubbles 7 Chair: S. Popinet | Wetting and capillarity 2 Chair: N. Savva | Control and drag reduction 2 Chair: A. Bottaro | Biological flows 1 Chair: Y. Dimakopoulos | General fluid dynamics 1 Chair: G. Karapetsas | Mini Symposium 1 Shear flows over complex surfaces (Part 3) Chair: S. Bagheri | | Electrohydrodynamics 1 Chair: R. Verzicco | Engineering flows Chair: N. Pelekasis | Geophysical flows 2 Chair: C. P. Caulfield | Waves 1 Chair: S. Ramanarivoo |
| 16:30-17:00 | <i>COFFEE BREAK</i> | | | | | | | | | | | |
| 17:00-19:00 | SESSION 8 | | | | | | | | | | | |
| | Turbulence 8 Chair: F. Tavares de Pinho | Reactive flows 1 Chair: A. Boudouvis | Nonlinear dynamics 1 Chair: A. Juel | Control and drag reduction 3 Chair: R. Garcia-Mayoral | Biological flows 2 Chair: V. Bontozoglou | General fluid dynamics 2 Chair: Y. Dimakopoulos | Mini Symposium 3 Unsteady aerodynamics interactions and interference (Part 1) Chair: K. Mulleners | Porous media 1 Chair: G. Karapetsas | Electrohydrodynamics 2 Chair: S. Wilson | Vortex flows 1 Chair: M. Heil | Geophysical flows 3 Chair: R. Kerswell | Waves 2 Chair: F. Dias |