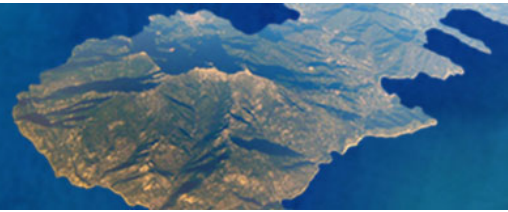


TI 2022

6th International Conference on Turbulence and Interactions

15 - 20 May 2022 - Elba Island



Final Scientific Program

DAY 1 - SUNDAY, MAY 15 2022

17:30	19:30	Registration and Welcome Reception
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DAY 2 - MONDAY, MAY 16 2022

08:30	09:00	Registration
09:00	09:10	Welcome Address from the Organizers
09:10	09:46	Keynote - <i>Particle image velocimetry for turbulence and complex flow</i> (J. Westerweel, TU Delft) Chair: G.P. Romano
09:46	10:40	Session #1 (3 Talks) Chair: J. Westerweel
10:40	11:00	Coffee Break
11:00	12:30	Session #2 (5 Talks) Chair: P. Fede
12:30	15:15	Lunch Break
15:15	15:51	Keynote - <i>Statistics of fluctuations in homogeneous fluidized beds</i> (O. Masbernat, LGC) Chair: R. Fox
15:51	16:45	Session #3 (3 Talks) Chair: O. Masbernat
16:45	17:05	Coffee Break
17:25	18:17	Session #4 (4 Talks) Chair: C. Galletti
18:25	19:30	Poster Session with Aperitivo
19:30	21:00	Buffet dinner

DAY 3 - TUESDAY, MAY 17 2022

08:40	09:16	Keynote - <i>Turbulent pipe flow at high Reynolds number</i> (S. Pirozzoli, Università di Roma La Sapienza) Chair: A. Soldati
09:16	10:28	Session #5 (4 Talks) Chair: S. Pirozzoli
10:28	10:50	Coffee Break
10:50	12:20	Session #6 (5 Talks) Chair: M. Mossa
12:20	14:00	Lunch Break
14:00	14:36	Keynote - <i>Experiments on particles in turbulence across scales and regimes</i> (F. Coletti, ETH Zurich) Chair: S. Vincent
14:36	15:30	Session #7 (3 Talks) Chair: F. Coletti
15:30	15:50	Coffee Break
15:50	16:44	Session #8 (3 Talks) Chair: V. Moureau
16:45	19:30	Wine tasting at Tenuta La Chiusa

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DAY 4 - WEDNESDAY, MAY 18 2022

09:00	09:36	Keynote - <i>Flow-particle interactions in the marine environment: some lessons learnt from the field and the lab</i> (M. Brocchini, Università Politecnica delle Marche) Chair: J.L. Estivalezes
09:36	10:48	Session #9 (4 Talks) Chair: M. Brocchini
10:48	11:10	Coffee Break
11:10	12:40	Session #10 (5 Talks) Chair: L. Villafane
12:40	15:15	Lunch Break
15:15	15:51	Keynote - <i>Turbulence and its interactions with suspended particulates: From turbidity currents to dispersal of viral contagion</i> (S. Balachandar, University of Florida) Chair: F. Picano
15:51	16:45	Session #11 (3 Talks) Chair: M.V. Salvetti
16:45	17:05	Coffee Break
17:05	18:17	Session #12 (4 Talks) Chair: A. Boguslawski
20:00	22:30	Social Dinner

DAY 5 - THURSDAY, MAY 19 2022

08:40	09:16	Keynote - <i>Modeling complex free-surface flow with the smoothed particle hydrodynamics method, and attempts toward including turbulence modeling</i> (D. Le Touze, Ecole Centrale Nantes) Chair: C.M. Casciola
09:16	10:10	Session #13 (3 Talks) Chair: D. Le Touze
10:10	10:30	Coffee Break
10:30	11:06	Keynote - <i>The transition to turbulence in pipe flow</i> (B. Hof, IST Austria) Chair: C. Marchioli
11:06	12:00	Session #14 (3 Talks)
12:00	14:30	Lunch Break
14:30	19:00	Excursion to Monte Capanne

DAY 6 - FRIDAY, MAY 20 2022

09:00	12:00	Free Time for Social Activities
12:00	12:30	Closing
12:30	14:00	Lunch Break

Color code:



Conference Opening/Closing



Keynote lecture



Contributed papers



Social activity