

TITLE

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Abstract

We are pleased to invite you at the Colloquium "Fluid turbulence Applications in Both Industrial and Environmental topics" to be held from 9 to 11 July 2019 in Marseille, France, at the new amphitheater of the Ecole Centrale de Marseille on the Technopôle Château-Gombert [Fig.1].

The Colloquium "Fluid turbulence Applications in Both Industrial and Environmental topics" will bring together the scientific communities developing studies in which Turbulence and its coupling with environmental issues are the keys to a better phenomenological understanding. The selected themes will be various: flows with variable density / viscosity, two-phase flows, aeroacoustic interactions, reactive or passive mixing, pollutant transfer in the natural environment, natural risks and their impact on protective structures. The approaches are theoretical, numerical as well as experimental.

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Figure 1: New amphitheater of the Ecole Centrale de Marseille

References

- [1] Anselmet F., Gagne Y., Hopfinger E. J., Antonia R. A., High order velocity structure functions in turbulent shear flows, J. Fluid Mech., 140:63-89 (1984)