

What is ICTR

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International Collaboration for Turbulence Research (ICTR) is a collaborative effort of experiment, simulation, and theory focusing on the spatio-temporal dynamics of particles in turbulent flows. This Lagrangian approach is key to the understanding of many environmental, technical, and biological systems. ICTR was born out of the realization that progress in turbulence requires going beyond the financial, technical, and manpower capabilities of a single researcher or a single research group. ICTR has been established at the end of 2006 and now has partners from all around the world. It was born out of the realization that the much-needed progress in turbulence requires going beyond the financial, technical, and personnel capabilities of a single researcher, a single research group, and single nation. Already then it was clear that progress in turbulence and its many applications warrants a joint, cross-disciplinary, approach both in attacking the science, but also in optimizing the investment into human and infrastructure resources. ICTR uses and develops shared experimental facilities, data analysis technology, and new theoretical concepts and approaches. ICTR fosters opportunities for exchange of students, postdocs and senior researchers. ICTR provides an open-access knowledge base of its experimental, numerical and theoretical findings.