



fluids



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The Special Issue "Recent Advances in Fluid Mechanics: Feature Papers, 2024" compiles feature articles—including nine review papers and one original research article—highlighting significant new findings and developments across a broad spectrum of fluid mechanics. The topics covered include Reynolds number analysis, computational fluid dynamics (CFD), turbulent flows, the integration of machine learning with fluid mechanics, fluids engineering, and multidisciplinary optimization in aerodynamics. Each contribution provides in-depth analysis or commentary on theoretical and applied research aspects, with particular attention to emerging methodologies, unresolved challenges, and future research directions in the field.



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