Special Issue

Numerical Modeling and Experimental Studies of Two-Phase Flows, 2nd Edition

Message from the Guest Editors

Two-phase flows (e.g., gas–gas, gas–liquid, liquid–liquid) are found in many natural phenomena, engineering, and industrial applications. The nonlinear motions of the interface between two phases (two fluids) and its deformations and breaks, phase change, heat transfer, turbulence, shockwaves, and violent interaction with devices/systems become very complicated, both in terms of developing experimental techniques for their measurement and for numerical modeling for the analysis of these two-phase flows.

This Special Issue aims to provide researchers and scientists with the opportunity to present and discuss their

original works on new numerical modeling, simulations, and experimental representation of engineering and industrial systems or any other two-phase systems from microscale to larger-scale problems. Papers related to two-phase flows are highly welcome which not only address fundamental science, but also engineering applications.

Guest Editors

Dr. Van-Tu Nguyen

School of Mechanical Engineering, Pusan National University, Busan 46241, Republic of Korea

Dr. Hemant J. Sagar

Dr.-Ing., Department of Hydro and Renewable Energy, Indian Institute of Technology (IIT), Roorkee 247667, Uttarakhand, India

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Fluids
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fluids@mdpi.com

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Editor-in-Chief

Prof. Dr. D. Andrew S. Rees
Department of Mechanical Engineering, University of Bath, Bath BA2 7AY, UK

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