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Advances in Thermo-Fluid Dynamics of Industrial Systems

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *Fluids* aims to gather the latest advances in the study of complex thermo-fluid dynamic phenomena relevant to industrial applications, with a particular focus on numerical simulations, model development, and validation. The scope of the topics considered is purposely broad, and encompasses (while not being limited to) innovative heat exchangers, cooling of power systems, ventilation, modeling of advanced materials and fluids, thermal aspects in waste energy recovery, and renewable energy systems, etc., approached using various modeling techniques ranging from high-fidelity simulation to reduced-order models, passing through co-simulation approaches. Studies focused on accurate validation through meaningful experiments and/or addressing uncertainty quantification are of particular interest.

Dr. Diego Angeli

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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