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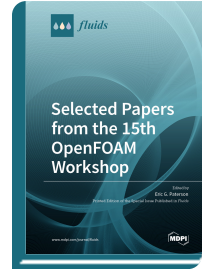
Special Issue Reprint

Selected Papers from the 15th OpenFOAM Workshop

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This Special Issue will publish selected papers from the 15th OpenFOAM Workshop, June 22–25, 2020 in Arlington, Virginia, USA. The workshop is hosted by the Crofton Department of Aerospace and Ocean Engineering at Virginia Tech. During this community driven event, conference presentations and poster sessions will be held and work in progress is gladly seen as well. In addition to the conference aspect, trainings on OpenFOAM technology and other related software tools are held mostly from users for users. This underlines one of the goals of the workshop: bringing users, developers and researchers together and providing a nurturing ground for open discussions and future projects. The conference will cover the following main topics:

Aerodynamics; Civil engineering; Complex materials; Compressible flows; Fluid-structure interaction; General CFD; Heat and mass transfer; Lagrangian methods; Naval hydrodynamic; Offshore and renewable energy; Optimization and control; Porous media; Pre/post-processing; Reacting flows; Turbomachinery; Turbulence modeling.

Papers presented in this workshop and having enough quality can be further considered for publication in Fluids. The papers will be peer-reviewed for the validation of research results, developments, and applications.



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