

Special Issue

Advances in Statistical Description of Scalar Turbulence

Message from the Guest Editors

This Special Issue, “Advances in the Statistical Description of Scalar Turbulence”, aims to enhance the research in that area and exchange knowledge and ideas in this respect. The topics of the invited experimental, numerical, or theoretical studies should focus but are not limited on:

- Scalar transport and dispersion in engineering and environmental flows;
- Scalar transport over complex surfaces;
- Link between the scalar and flow turbulence statistics;
- The role of flow coherent structures on scalar transport;
- Detection of scalar coherent structures;
- New experimental and numerical methods in scalar turbulence.

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