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Transport of Fluids in Nanoporous Materials

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Message from the Guest Editors

This Special Issue on "Transport of Fluids in Nanoporous Materials" (http://www.mdpi.com/journal/processes/special_issues/transpo aims to present novel theoretical and experimental advances that address key challenges in the area, as well as those which contribute to enhanced understanding of transport-related issues in specific applications. Topics include, but are not limited to:

- Developments in theoretical and simulation-based modelling of transport in nanopores and nanopoprous materials
- Relation between multiscale structure and transport properties of hierarchical porous materials
- Transport in membranes, including composite mixed matrix membranes
- Modelling and simulation of transport in electrochemical supercapacitors and batteries
- Simulation and characterisation of nanoporous material structure and its influence on transport
- Modelling of reaction-diffusion processes in porous materials and catalysts

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Message from the Editor-in-Chief

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