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Transport of Fluids in Nanoporous Materials

Guest Editors: Message from the Guest Editors Prof. Dr. Suresh K. Bhatia This Special Issue on "Transport of Fluids in Nanoporous Materials" Prof. Dr. David Nicholson (http://www.mdpi.com/journal/processes/special issues/transpo aims to present novel theoretical and experimental Dr. Xuechao Gao advances that address key challenges in the area, as well Dr. Guozhao Ji as those which contribute to enhanced understanding of transport-related issues in specific applications. Topics include, but are not limited to: Deadline for manuscript • Developments in theoretical and simulation-based submissions: modelling of transport in nanopores and closed (31 October 2018) 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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