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# **Advanced Porous Materials**

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

The class of porous materials covers a broad range of organic and inorganic compounds among which polymer foams. ceramics. mesoporous metal oxides. alumosilicates, metal organic frameworks, or porous carbon materials are only some prominent examples. Porosity in this context describes the presence of channels or cavities either in the crystal structure or in hierarchically structured materials ranging from micropores (<2 nm) to mesopores (2-50 nm) and/or macropores (>50 nm). The varieties of chemical compositions, pore architectures, and pore sizes offer the possibility for a large number of applications. Porous materials are used for example as carriers in drug release, as catalysts, in electronic or optical devices, or for separation and fixation of environmentally hazardous compounds. This Special Issue aims to bring together the actual status of research on advanced porous materials including various aspects such as new concepts for synthesis, the use of porous materials in technical the introduction of advanced processes, or characterization techniques.

PD Dr. Claudia Weidenthaler *Guest Editor* 









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### Message from the Editor-in-Chief

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