Special Issue

Opportunities for Composites in the Future Energy Systems

Message from the Guest Editors

Composite materials are widely utilised and adopted for a range of applications in energy systems for residential, commercial and industrial purposes. For example, composite nanofluids are particularly used in the capture and storing of thermal sources such as solar energy, composite phase change materials are widely used for thermal management in buildings or battery technologies, composite materials are added at nano or micro levels to form blends in fuel energy systems and improve their combustion performance, sorption composite materials are employed to improve heating and cooling. The technological development of innovative composite materials is a driving force for the success of future energy systems in the domestic, industrial and transport sectors, providing services such as heating, cooling or electricity.

Guest Editors

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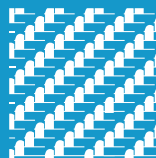Dr. Ke Tang
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