Modeling and Optimization for Multi-scale Integration

Message from the Guest Editor

Covering a range of topics from reaction engineering and fluid dynamics to heat transfer and materials synthesis, this Special Issue includes a diverse array of subjects. Advanced computational methods, innovative data collection approaches, and optimization techniques play a central role. The primary goal is to accelerate the development of sustainable processes in sectors undergoing energy transition, such as renewable energy, energy storage, and emissions reduction.

Guest Editor

Dr. Marco Vaccari

Department of Civil and Industrila Engineering, Univerisity of Pisa, 56122 Pisa, Italy

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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