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## *Chimie*


### Guest Editors

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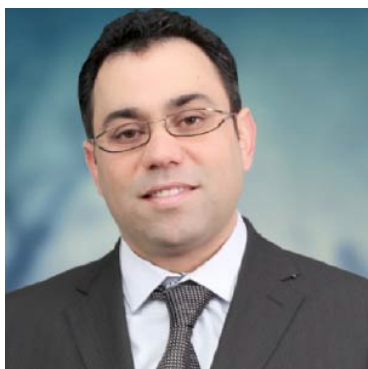


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## Materials and Clean Processes for Sustainable Energy and Environmental Applications

### Guest Editors



**Dr. Mejdi Jeguirim**

**Dr. Mejdi Jeguirim** is a Professor at the University of Haute-Alsace (France) in the field of energy, process engineering, and kinetics modeling. He has coauthored more than 200 refereed international journal papers in his research field and is a member of the editorial boards for the following international journals: *Energy*, *Energies*, *Energy for Sustainable Development*, *Biofuels*, and the *International Journal of Green Energy*.

He is involved as a scientific expert for more than 50 international scientific journals as well as for several national and international research programs. He has received the French National Research Excellence Award for researcher with high-level scientific activity for the 2009–2012, 2013–2016, 2017–2020, and 2021–2024 periods. Dr. Jeguirim has appeared in the World's Top 2% Scientists ranking established by Stanford University since 2019.



**Dr. Patrick Dutournié**

**Dr. Patrick Dutournié** is a Professor at the University of Haute-Alsace (France) in the field of energy and chemical engineering. He dedicates most of his career to the modeling of heat and mass transfer for different applications (energy storage, ultrafiltration, etc.). These research topics were performed in the frame of several national and international collaborations and he has led several academic and industrial contracts. He has acted as a PhD advisor for 12 students and has coauthored more than 100 refereed international journal papers in his research field. He is a member of the editorial board of several international journals (*Membrane Science and Technology* and the *American Journal of Environmental Engineering*) and international congresses. He is involved as a scientific expert for several national and international research programs. He is the leader of the research team TRM2P (Transfer, Reactivity, Materials for Clean Processes) of the Institute of Materials Science in Mulhouse.