

## Special Issue

# Solar-to-Products: Latest Achievements in Solar-Driven Hydrogen and Chemicals Production

### Message from the Guest Editors

This Special Issue collects the most recent and outstanding achievements in the solar-to-chemicals field from theoretical modeling to experimental results and demonstration projects including techno-economic assessments. Topics of this Special Issues are all the production processes based on chemical, electrochemical, photo-electrochemical concepts and applied photosynthesis processes, as well as thermo-chemical cycles. The goal is to cover the most investigated technologies from the very basics to the most updated laboratories activities. In addition, latest optics development and receiver concepts will be also discussed with the evaluation of these new technologies from efficiency point of view. Finally, energy balance, material development and chemical engineering aspects will be addressed to indicate the current status of solar-to-chemicals research, and the next steps to be taken. Prof. Dr. Manzolini Giampaolo

Dr. Gioele Di Marcoberardino

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### Guest Editors

*Dr. Giampaolo Manzolini*

*Dr. Marco Binotti*

*Dr. Gioele Di Marcoberardino*

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### Deadline for manuscript submissions

*closed (1 May 2018)*



## ChemEngineering

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ChemEngineering  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[chemengineering@mdpi.com](mailto:chemengineering@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

*Prof. Dr. Mario J. Muñoz Batista*

*Department of Chemical Engineering, Faculty of Sciences, University of Granada, Avda. Fuentenueva, s/n, 18071 Granada, Spain*

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