

Special Issue

Photocatalysis Science and Engineering in Europe

Message from the Guest Editors

This Special Issue welcomes both review and original research articles on all aspects of heterogeneous and homogeneous photocatalysis with an emphasis on fundamental and applied research implemented across Europe. Topics include, but are not limited to, the following:

- Water/wastewater treatment and disinfection;
- Air treatment;
- Green synthesis by solar photochemistry and photocatalysis;
- New materials for photochemistry and photocatalysis;
- Developments and perspectives in environmental photochemistry;
- Large scale and commercial applications;
- Experimental standardization;
- Models for photochemistry and photocatalysis;
- Process fundamentals;
- Process economics and LCA;
- Photocatalytic hybrid systems;
- Photocatalytic, photochemical and photosynthetic systems for H₂ production and CO₂ utilization.

Although papers should report on trends and advances in the field of photocatalysis across Europe; collaborative work between European and non-European partners is also welcome.

Guest Editors

Prof. Dr. Dionissios Mantzavinos

Department of Chemical Engineering, University of Patras, University Campus, Caratheodory 1, 26504 Patras, Greece

Dr. Danae Venieri

School of Environmental Engineering, Technical University of Crete, 73100 Chania, Greece

Deadline for manuscript submissions

closed (31 March 2020)



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Catalysts
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).