



## Design Challenges for Catalytic and Photocatalytic Reactors

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 March 2018)**

### Message from the Guest Editor

This special issue collects original research papers, reviews and commentaries focused on the challenges for reactor design and modelling, specifically applied to the development of catalytic and photocatalytic processes. Submissions are welcome especially (but not exclusively) in the following areas:

- Kinetics of catalytic and photocatalytic reactions
- Sizing and modelling of catalytic and photocatalytic reactors
- Transport phenomena in catalytic and photocatalytic processes
- Modelling flow in catalytic and photocatalytic reactors
- Computational Fluid Dynamics applied to catalytic and photocatalytic reactors.
- Process design and scale up issues
- Process simulation
- Innovative concepts of reactors and microreactors for catalytic and photocatalytic applications

