



# CALL FOR PAPERS

**ICCRAHCR 2020**  
**Jan 13-14, 2020**  
**Zurich, Switzerland**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICCRAHCR 2020 : International Conference on Chemical Reactor Analysis and Heterogeneous Catalytic Reactions is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Chemical Reactor Analysis and Heterogeneous Catalytic Reactions. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Chemical reactor analysis  
Design principles  
Continuous reaction model  
Intrinsic and global rate concepts  
Chemical engineering kinetics  
Heterogeneous catalysis  
Chemical and physical characteristics of solid catalysts  
Activity, specific activity and selectivity  
Kinetics of heterogeneous catalytic reactions  
Mechanisms and kinetic models  
Experimental reactors and transport criteria  
Determination of intrinsic kinetics  
Transport processes in solid-catalyzed systems

External transport processes  
Packed-bed reactors  
Slurry reactors  
Fluidized-bed reactors  
Internal transport processes  
Two-phase catalytic reactors  
Reactor types  
Fixed-bed gas-solid catalytic reactors  
Pseudo-homogeneous fixed-bed models  
One-dimensional heterogeneous fixed-bed models  
Design by scale-up  
Two-phase structured reactors  
Engineered catalysts