



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