



CALL FOR PAPERS

ICCS 2016
May 26-27, 2016
Tokyo, Japan

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.

ICCS 2016 : International Conference on Chemical Structures is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Chemical Structures. 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:

Cheminformatics
advances in structure
representation
molecular similarity and diversity
chemical information visualization
reaction handling and electronic
lab notebooks (ELNs)
Structure-Activity and
Structure-Property Prediction
industrialized and large-scale
model building
multi-objective optimization and
multi-property prediction
assessment of uncertainties in
predictive modeling
graphical methods for SAR analysis
Structure-Based Drug Design and
Virtual Screening
improved understanding of
protein-ligand interactions
modeling of protein-protein
interactions (PPIs)

modeling of challenging targets
advances in antibody modeling
Analysis of Large Chemistry Spaces
design, profiling and comparison of
compound collections and screening
sets
machine learning and knowledge
extraction from databases
improved visualization of disparate
data types
mining of chemical literature and
patents
Integration of Chemical Information
with other Resources
advances in chemogenomics
integration of medical and
biological information with
chemical information
semantic technologies as a driving
force of integration
chemical information using mobile
technologies and social media
Dealing with Biological Complexity