



CALL FOR PAPERS

ICDSMSEA 2021
Sep 20-21, 2021
Toronto, Canada

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.

ICDSMSEA 2021 : International Conference on Data Systems in Materials Science and Engineering Applications is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Data Systems in Materials Science and Engineering Applications. 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:

Materials data and informatics
Materials information characteristics
Big data analytics for materials science
Materials genome initiative
Data quality in materials science
Engineering materials information systems
Materials informatics
Materials data sciences and informatics
Data mining for materials science
Statistical modeling in material science
Materials development and deployment
Data-driven discovery in materials science
Data systems in materials science

Novel approaches to statistical learning in materials science
Evolutionary data-driven modeling
Data dimensionality reduction in materials science
Visualization in materials research
Ontologies and databases
Experimental design for combinatorial experiments
Materials selection for engineering design
Thermodynamic databases and phase diagrams
Rational design of sensing materials from combinatorial experiments
Materials properties
Materials databases
Materials analysis, design, modeling and simulation
Computational methods and computational materials science