



CALL FOR PAPERS

ICAUM 2023
Jul 22-23, 2023
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.

ICAUM 2023 : International Conference on Advanced Ultrahard Materials is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Ultrahard Materials. 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:

Ultrahard materials
Recent advances in ultrahard materials
Hardness of covalent crystals
Novel ultrahard materials
High-performance superhard bulk materials
Carbon nanotechnology and applications
Ultrahard material design
Electronegativity identification of novel ultrahard materials
Super-hard material processing
Ultrahard material fabrication, characterization, evaluation, and application
Re-use, recycling and degradation of ultrahard materials
Reprocessing of ultrahard materials
Recent developments in ultrahard materials

Ultrahard material evaluation and processing
High performance ultrahard materials
Ultrahard materials for engineering applications
Tensile and compression properties of ultrahard materials
Mechanical and dynamic mechanical analysis of ultrahard materials
Commercial and experimental ultrahard materials
High strength ultrahard materials
Atomic structure and structural stability of ultrahard materials
Structural modeling of ultrahard materials
Classification of ultrahard materials
Processing, markets and applications of ultrahard materials
Structure of ultrahard materials
Mechanical properties of ultrahard materials