



# CALL FOR PAPERS

**ICCBSD 2022**  
**Sep 06-07, 2022**  
**Prague, Czechia**

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.

ICCBSD 2022 : International Conference on Component-Based Software Development is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Component-Based Software Development. 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:

Component-based software engineering  
Software components, component interfaces and component models  
Independent components and component standards  
Component development for software reuse  
Component-based software engineering process  
Definition and characteristics of components  
Differences from object-oriented programming  
Characteristics of software components  
Standardised, independent, and composable  
Deployable and documented  
Component software lifecycle  
Specification, architecture, design of component models and component-based systems

Non-functional/extra-functional properties and quality attributes  
Cross-cutting component design concerns such as security, deployability, maintainability  
Software quality assurance for component-based engineering  
Verification, testing and certification of component-based systems  
Migration to and evolution of component-based software systems  
Frontiers and foundations  
Multi-channel component architectures  
Component composition, binding and dynamic adaptation  
Patterns and frameworks for component-based engineering  
Formal methods for automated component composition and integration  
Methods and tools for component-based engineering