



CALL FOR PAPERS

ICMDS 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.

ICMDS 2022 : International Conference on Mathematics in Defence and Security is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Mathematics in Defence and Security. 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:

Applied Mathematics and Computing
Coherent Approach in Mitigating
Cyber Threats
Computational Mathematics and
Cybernetics
Data Analysis: Data and Text
Mining, Data Fusion, Information
Visualization, Multidimensional
Data Analysis
Defence Games and Theory
Engineered Material Arresting
System
Ground Based Air Defence for Armed
Forces
Low Enforcement and Counter
Terrorism Activities
Mathematical Cryptography and
Steganography
Mathematics in Defence and
Security

Modelling and Estimation:
Electromagnetic Models, Estimation
Theory, Markov Models, Non-linear
Models, Mathematical Models,
Simulation
Operational Analysis: Cost Benefit
Analysis, Counter-terrorism, Risk
Management, Intelligence Analysis,
Behaviour Analysis
Robotics in Military and Civil
Emergency Applications
Security Critical Infrastructure
against Cyber Attacks
Security: Cryptography and Coding,
Security Systems, Secure
Communications
Security, Defense and Mathematical
and Computational Technology
Signal Processing: Adaptive
Processing, Computer Vision,
Digital Signal Processing,
Distributed Sensor Processing,
Emitter Location, Image Processing,
Signal Enhancement,
Super-resolution, Synthetic
Aperture Radar, Time Series
Analysis
Statistical Methods: Bayesian
Techniques, Classification,
Detection, Identification,
Tracking, Monte Carlo Methods,
Particle Filters, Pattern
Recognition
Supply and Demand of Mathematical
and Computational Technology in the
Field of Security and Defence
Ultra Lightweight and High
Performance Composite Armour

