



CALL FOR PAPERS

ICMDM 2022
Apr 29-30, 2022
Jerusalem, Israel

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.

ICMDM 2022 : International Conference on Microelectronics and Device Modeling is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Microelectronics and Device Modeling. 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:

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| Computer engineering | Biosignal and systems |
| Computer architecture | Analog and mixed signal integrated circuits |
| Microelectronics and nanotechnology | Microelectronics application in product development |
| Digital integrated circuits, SOC and NOC | Embedded electronics |
| System architectures | Nanoelectronics and nanotechnologies |
| The communications, networking, signal and image processing | Control systems theory and applications |
| Imaging and information processing | Electronic design automation |
| Semiconductor manufacturing and process | Energy and power systems |
| VLSI circuits and computer-aided design | Microelectromechanical systems (MEMS) |
| Optoelectronics and photonics technology | Information theory and communications |
| Integrated circuit testing and fault diagnosis | Optoelectronics and nanophotonic devices |
| Digital signal processing, computer-aided synthesis | Network systems |
| Device modeling and simulation | |