


ASDAM '24

15th International Conference on

Advanced Semiconductor Devices And Microsystems

 Smolenice, Slovakia 20th – 23rd October, 2024

Abstract submission: **15th July, 2024**
Paper acceptance announcement: **29th July, 2024**
Early registration: **30th August, 2024**
Camera ready manuscript submission: **30th September, 2024**

Authors are encouraged to submit the abstract (in pdf format) electronically to asdam@savba.sk

Main topics

Materials, Nanotechnologies & Nanostructures	Modeling & Characterization
Semiconductor and dielectric materials; high- κ dielectrics; quantum heterostructures; MS, MSM, MIS structures; nanostructures; nanotubes; low-dimensional structures.	Technology process; structure and device simulation, heterostructure device modeling; structural, optical and electrical characterization of materials, reliability evaluation and modeling.
Semiconductor Devices	Microsystem Technology & Fabrication
Si-based microelectronic devices; III-V, III-N, UWBG devices; quantum structures and resonators; microwave and mm-wave devices; nanodevices; lasers and photodetectors; particle detectors.	Advanced concepts in the lithography; plasma etching and deposition techniques; surface and bulk micromachining; Micro and Nano Electro Mechanical Systems (MEMS, NEMS) design, simulation, and fabrication.

Invited and contributed papers (oral and poster presentations) will be published in the Conference Proceedings (IEEE Xplore indexed in WoS)

Conference organizer: **I E E INSTITUTE OF ELECTRICAL ENGINEERING SAS**
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Further information:
ASDAM '24 Conference Office
Institute of Electrical Engineering,
Slovak Academy of Sciences
Dúbravská cesta 9, 841 04 Bratislava, Slovakia

The official language of the Conference is English. The Conference is opened for presentation of semiconductor materials and instrumentation used in device development and production. Conditions and details will be sent by the organizer upon request. The ASDAM Conference will take place in Smolenice Castle, House of Scientists of Slovak Academy of Sciences. The place of the Conference, Smolenice Castle, is situated in a beautiful landscape of the Small Carpathians Mountains, about 50 km north-east of Bratislava.

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