



CAS 2024 International Semiconductor Conference

PROGRAM OVERVIEW

TUESDAY, OCTOBER 8

15:00-18:00	Registration
20:00	Welcome Cocktail (Hotel Sinaia Restaurant)

WEDNESDAY, OCTOBER 9

08:00-09:00	Registration	
	Room 1	
09:00-09:10	Welcome to CAS 2024 M. A. Dinescu, IMT Bucharest, Romania – CAS 2024 General Chairman	
09:10-11:10	Plenary Session 1 (Invited Papers) Chair: M. A. Dinescu, Romania Gh. Brezeanu, Romania Romolo Marcelli , CNR – IMM Institute for Microelectronics and Microsystems, Italy Bogdan Tudor , SILVACO, USA Radu-Emil Precup , Politehnica University of Timisoara, Romania Günter Krasser , Infineon Technologies Romania SCS, Romania	
11:10-11:25	Wolfgang Betz, Physical Electronics USA, Germany	
11:25-11:40	Coffee break	
	Room 1	Room 2
11:40-13:00	Nanoscience & Nanoengineering 1. Nanomaterials – <i>Oral presentations</i> Chair: M. L. Ciurea, Romania C. Moldovan, Romania	Integrated Circuits – Student Papers I <i>Oral presentations</i> Chair: F. Draghici, Romania V. Avramescu, Romania
13:00-13:10	PHOTO “REMEMBER CAS 2024”	
13:10-14:00	Lunch	
	Room 1	Room 2
14:00-15:20	Integrated Circuits I <i>Oral presentations</i> Chair: M. Neag, Romania R. Pascu, Romania	Modelling – Student Papers <i>Oral presentations</i> Chair: T. Sandu, Romania C. Pachiu, Romania
15:20-15:30	Coffee break	
15:30-17:10	Microwave & Millimeter Wave Circuits & Systems <i>Oral presentations</i> Chair: R. Marcelli, Italy A. Cismaru, Romania	Nanoscience & Nanoengineering – Student Papers - <i>Oral presentations</i> Chair: M. Simion, Romania M. Brezeanu, Romania

17:10-17:20	<i>Coffee break</i>	
	Room 1	Room 2
17:20-19:20	Integrated Circuits II <i>Oral presentations</i> Chair: O. Ionescu, Romania Ghe. Pristavu, Romania	Modelling & Semiconductor Devices <i>Oral presentations</i> Chair: L. Dobrescu, Romania D. Neculoiu, Romania

	Room 3
14:00-17:30	Workshop “Research Security & Technology Transfer” organised by IMT with the support of the US Embassy in Bucharest and US Department of State

THURSDAY, OCTOBER 10

	Room 1	
	Plenary Session 2 (Invited Papers) Chair: O. Buiu, Romania A. Müller, Romania	
09:00-11:00	Maria Losurdo , Institute of Chemistry of Condensed Matter and of Technologies for Energy ICMATE-CNR, Italy Luigi Di Benedetto , University of Salerno, Italy Dumitru Sdrulla , Analog Power Conversion-LLC, USA Radu Ionescu , Univ. of Bucharest and SecurifAI, Romania	
11:00-11:15	Shyjumon Ibrahimkutty , Rigaku Europe SE, Germany	
11:15-11:30	<i>Coffee break</i>	
	Room 1	Room 2
11:30-12:50	Nanoscience & Nanoengineering II. Nanomaterials <i>Oral presentations</i> Chair: A.-M. Lepadatu, Romania A. Tulbure, Romania	Integrated Circuits - Student Papers II <i>Oral presentations</i> Chair: A. Antonescu, Romania V. Anghel, Romania
13:00-14:00	<i>Lunch</i>	
14:30-17:30	<i>Trip to "Posada" Hunting Museum</i>	

	Room 3	
10:00-13:00	Workshop “Bio-Micro-Systems innovation, challenges and future industrial applications” organised by eBio-hub project	
13:00-14:00	<i>Lunch</i>	
14:00-18:00	Workshop organised by IEEE Romania Section Nanotechnology Council Chapter - NANO42 joint to Electron Devices Society Romanian Chapter EDS015	

FRIDAY, OCTOBER 11

Room 1	
09:00-11:00	<p style="text-align: center;">Plenary Session 3 (Invited Papers)</p> <p>Chair: R. Müller, Romania D. Dobrescu, Romania</p> <p>Mircea Dragoman, IMT Bucharest, Romania</p> <p>Valentin Serban Teodorescu, National Institute of Materials Physics, Romania</p> <p>Alexandru Takacs, Univ. Paul Sabatier (Toulouse III), LAAS – CNRS, France</p> <p>Neculai Plugaru, IMT Bucharest, Romania</p>
11:00-11:15	Liana Socaciu-Siebert , SPECS Surface Nano Analysis GmbH, Germany
11:15-11:30	<i>Coffee break</i>
Room 1	
11:30-13:10	<p style="text-align: center;">Microsensors & Optoelectronics <i>Oral presentations</i></p> <p>Chair: D. Cristea, Romania G. Moagar-Poladian, Romania</p>
Room 2	
11:30-13:10	<p style="text-align: center;">Integrated Circuits – Student Papers III <i>Oral presentations</i></p> <p>Chair: C. Dan, Romania C. Stanescu, Romania</p>
13:00-14:00	<i>Lunch</i>
14:00-15:40	<p style="text-align: center;">Microsensors & Semiconductor Devices – Student Papers. <i>Oral presentations</i></p> <p>Chair: M. Dragoman, Romania A. Takacs, France</p>
14:00-16:30	<p style="text-align: center;">Nanoscience & Nanoengineering III <i>Oral presentations</i></p> <p>Chair: D. Dragoman, Romania V. S. Teodorescu, Romania</p>
15:40-16:00	<i>Coffee break</i>
16:00-17:30	<p style="text-align: center;">Poster Session 1. Nanoscience & Nanophotonics</p> <p>Chair: A. Avram, Romania M. Aldrigo, Romania</p>
16:30-16:50	<i>Coffee break</i>
16:50-18:30	<p style="text-align: center;">Poster Session 2. Sensors, Advanced Electronic Devices & Circuits</p> <p>Chair: A. Bunea, Romania A. Baracu, Romania</p>
20:30	CAS 2024 Banquet including Best Paper Awards ceremony (Hotel Sinaia Restaurant)

Room 3	
09:00-13:00	Net4Air Workshop organised by NET4Air: A Networking Center for excellence in Nanoelectronic Devices for Air Monitoring
13:00-14:00	<i>Lunch</i>
14:00-17:30	Workshop “Semiconductor technologies in Romania - current state and perspectives”