

48th International Semiconductor Conference CAS 2025 – PROGRAM

October 7-11, Sinaia, Romania

TUESDAY, OCTOBER 7

14:00-17:00	R4I - Research4Industry Roundtable organised by the National Platform for Semiconductor Technologies - PNTS
15:00-18:00	CAS 2025 Conference Registration
19:30	Welcome dinner (Hotel Sinaia Restaurant)

WEDNESDAY, OCTOBER 8

08:00-09:00	Registration		
	Room 1		
09:00-09:10	Welcome to CAS 2025 M. A. Dinescu – CAS 2025 General Chairman		
09:10-11:30	Plenary Session 1 (Invited papers) Chair: M. A. Dinescu, Romania Gh. Brezeanu, Romania		
11:30-11:50	Coffee break		
	Room 1	Room 2	
11:50-13:10	Nanoscience & Nanoengineering - Nanomaterials 1 Oral presentations	Integrated Circuits – Student Papers 1 Oral presentations	
13:10-13:30	PHOTO “REMEMBER CAS 2025”		
13:30-14:30	Lunch		
	Room 1	Room 2	
14:30-16:30	Nanoscience & Nanoengineering – Applications Oral presentations	Nanoscience & Nanoengineering – Student Papers Oral presentations	
16:30-16:40	Coffee break		
16:40-18:00	Nanoscience & Nanoengineering - Physical Phenomena Oral presentations	Modelling Oral presentations	
18:00-18:20	Coffee break		
	Room 1	Room 2	Room 3
18:20-19:30	Poster Session 1. Nanoscience & Nanoengineering - Student Papers	Poster Session 2. Integrated Circuits- Student papers	Poster Session 3. Bridging Electronics, AI, & Biomedical Applications

THURSDAY, OCTOBER 9

	Room 1	
09:00-11:20	Plenary Session 2 (Invited papers) Chair: D. Cristea, Romania R. Müller, Romania	
11:20-11:40	Coffee break	
	Room 1	Room 2
11:40-12:40	Microsensors and Microsystems <i>Oral presentations</i>	Semiconductor devices for opto and medical applications - Student Papers - <i>Oral presentations</i>
12:40-13:10	Workshop ‘IMT Results in Romanian Core Program Advanced research in micro-nano-electronics, photonics, sensors and microsystems devices for societal applications – μ NanoEl’ <i>(in Romanian language)</i>	

THURSDAY, OCTOBER 9

13:10-14:00	<i>Lunch</i>
14:30-18:00	Concert offered by Romanian Symphony Wind Orchestra at the Cultural Center in Busteni

FRIDAY, OCTOBER 10

	Room 1&2		Room 3
09:00-11:10	Plenary Session 3 (Invited papers) Chair: O. Buiu, Romania A. Müller, Romania		NerveRepack Workshop ‘Pushing the Boundaries of Neuroprosthetics and Bioelectronic Medicine’
11:10-11:30	<i>Coffee break</i>		
11:30-12:40	Plenary Session 4 (Invited Papers) Chair: O. Buiu, Romania A. Müller, Romania		Net4Air Workshop ‘Smart Sensor Technologies for Next-level Air Quality Monitoring’
13:00-14:00	<i>Lunch</i>		
	Room 1	Room 2	
14:00-15:40	Nanoscience & Nanoengineering Nanomaterials 2 <i>Oral presentations</i>	Integrated Circuits <i>Oral presentations</i>	Net4Air Workshop ‘Awareness into Action: Ideas for an Inclusive Scientific Culture’
15:40-16:00	<i>Coffee break</i>		
16:00-18:00	Microwave & Millimeter Wave Circuits & Systems <i>Oral presentations</i>	Devices and Smart Systems for Biomedical and Health Applications <i>Oral presentations</i>	Net4Air Workshop ‘Awareness into Action: Ideas for an Inclusive Scientific Culture’
18:00-18:20	<i>Coffee break</i>		
	Room 1	Room 2	Room 3
18:20-19:40	Semiconductor Devices <i>Oral presentations</i>	Poster Session 4 Nanoscience & Nanoengineering	Poster Session 5 Microphotonics & Microsystems

SATURDAY, OCTOBER 11

	Room 1		
09:00 - 11:00	Integrated Circuits – Student Papers 2 <i>Oral presentations</i>		
14:00 - 16:30	Workshop “From Awareness to Implementation: Research Security for Future Partnerships”, co-organized by IMT Bucharest and UEFISCDI (Executive Unit for Financing Higher Education, Research, Development and Innovation), Romania		
20:00	CAS 2025 Banquet including Best Paper Awards ceremony (Hotel Sinaia Restaurant)		

