



# CAS 2023 International Semiconductor Conference

## PROGRAM Overview

<b>10 OCT. Tuesday</b>	<b>15:00-18:00</b>	<b>Registration</b>
	<b>20:00</b>	<b>Welcome Cocktail CAS 2023 (Hotel Sinaia Restaurant)</b>

<b>11 OCT. Wednesday</b>	<b>08:00-08:50</b>	<b>Registration</b>
		<b>Room 1</b>
	<b>08:50-09:10</b>	<b>Welcome to CAS 2023 and AVIC 2023</b> <b>Mircea Dragoman</b> , IMT Bucharest, Romania – CAS 2023 Technical Programme Chair <b>Pat Cunneen</b> , Analog Devices, Ireland
		<b>Room 1</b>
	<b>09:10-11:10</b>	<b>Plenary Session 1 (Invited Papers)</b> Chair: Gh. Brezeanu, Romania M. A. Dinescu, Romania <b>Philipp Pirro</b> , Technical Univ. Kaiserslautern, Germany <b>Dominique Planson</b> , Institut National des Sciences Appliquées de Lyon INSA Lyon, France <b>Cristian E. Simion</b> , National Institute of Materials Physics, Romania <b>Mircea Dragoman</b> , National Institute for Research and Development in Microtechnologies - IMT Bucharest, Romania
	<b>11:10-11:30</b>	<i>Coffee break</i>



		Room 1		Room 2		
<b>11 OCT. Wednesday</b>	<b>11:30-12:50</b>	<b>NANOSCIENCE &amp; NANOENGINEERING 1</b> <i>Oral presentations</i> Chair: M. Dragoman, Romania R. Sporea, UK		<b>SEMICONDUCTOR DEVICES – Student papers</b> <i>Oral presentations</i> Chair: M. Brezeanu, Romania D. Dobrescu, Romania		
	<b>12:50-13:00</b>	<b>PHOTO “REMEMBER CAS 2023”</b>				
	<b>13:00-14:00</b>	<i>Lunch</i>				
	<b>14:00-15:40</b>	<b>MICROSENSORS &amp; MICROSYSTEMS</b> <i>Oral presentations</i> Chair: S. Cotofana, The Netherlands C. Obreja, IMT Bucharest, Romania		<b>INTEGRATED CIRCUITS – Student papers</b> <i>Oral presentations</i> Chair: V. Anghel, Romania C. Dan, Romania		
	<b>15:40 -16:00</b>	<i>Coffee break</i>				
		<b>Room 1 &amp; Room 2</b>				
	<b>16:00-18:30</b>	<b>MICROPHOTONICS &amp; MICROWAVES</b> <i>Poster Session 1</i> Chair: M. Aldrigo, Romania R. Tomescu, Romania		<b>MICROSENSORS &amp; DEVICES</b> <i>Poster Session 2</i> Chair: A. Baracu, Romania A. Bunea, Romania		<b>INTEGRATED CIRCUITS, MODELLING &amp; MICROSENSORS - Student papers - <i>Poster Session 3</i></b> Chair: R. Pascu, Romania Gh. Pristavu, Romania
	<b>16:30–18:00</b>	<b>Room 3</b> <b>Round Table THE MICROELECTRONICS ECOSYSTEM IN ROMANIA – CURRENT STATUS, CHALLENGES, AND PERSPECTIVES</b> Chair: O. Buiu, IMT Bucharest, Romania M. Brezeanu, PwC Romania				



<b>12 OCT. Thursday</b>	<b>Room 1</b>		
	<b>Plenary Session 2 (Invited Papers)</b>		
	<b>09:00-10:30</b>	Chair: R. Müller, Romania P. Pirro, Germany  <b>Radu Sporea</b> , Univ. of Surrey, United Kingdom <b>Sorin Cotofana</b> , Delft Univ. of Technology, The Netherlands <b>Cosmin Moisa</b> , Continental Automotive Romania	
	<b>10:30-11:00</b>	<b>Elena Arbelo</b> , Park Systems, Germany	
	<b>11:00-11:20</b>	<i>Coffee break</i>	
		<b>Room 1</b>	<b>Room 2</b>
	<b>11:20-13:00</b>	<b>NANOSCIENCE &amp; NANOENGINEERING 2</b> <i>Oral presentations</i>  Chair: M.L. Ciurea, Romania C.E. Simion, Romania	<b>NANOSCIENCE, NANOPHOTONICS &amp; MODELLING – Student papers</b> <i>Oral presentations</i>  Chair: F. Draghici, Romania A. Tulbure, Romania
	<b>13:00-14:00</b>	<i>Lunch</i>	
<b>14:15-18:00</b>	<b>Trip to Cantacuzino Castle, Busteni</b>		



<b>13 OCT. Friday</b>	<b>Room 1</b>	
	<b>Plenary Session 3 (Invited Papers)</b>	
	<b>09:00-10:30</b>	Chair: O. Buiu, IMT Bucharest, Romania A. Müller, IMT Bucharest, Romania  <b>Igor A. Lukyanchuk</b> , Univ. de Picardie Jules Verne, France <b>Mihai Lazar</b> , Univ. of Technology of Troyes (UTT) & CNRS, France <b>Mircea Modreanu</b> , Tyndall National Institute, Univ. College Cork, Ireland
	<b>10:30-10:50</b>	<i>Coffee break</i>
	<b>Room 1</b>	
	<b>10:50-12:50</b>	<b>MICROPHOTONICS &amp; MICROWAVES</b> <i>Oral presentations</i> Chair: D. Cristea, Romania M. Lazar, France
	<b>Room 2</b>	
	<b>NANOSCIENCE &amp; MICROSENSORS</b> <i>Oral presentations</i> Chair: C. Kusko, Romania V. Teodorescu, Romania	
	<b>13:00-14:00</b>	<i>Lunch</i>
	<b>Room 1</b>	
<b>14:00-15:40</b>	<b>MODELLING &amp; SEMICONDUCTOR DEVICES</b> <i>Oral presentations</i> Chair: L. Dobrescu, Romania D. Neculoiu, Romania	
<b>Room 2</b>		
<b>EMERGING FUNCTIONAL PHASE-CHANGE MATERIALS FOR PLASMONIC, PHOTONIC AND MICROELECTRONIC APPLICATIONS - I</b> Chair: M. Losurdo, Italy M. Modreanu, Ireland		
<b>15:40-15:50</b>	<i>Coffee break</i>	
<b>15:50-17:10</b>	<b>INTEGRATED CIRCUITS</b> <i>Oral presentations</i> Chair: S. Marinca, Romania M. Neag, Romania	
<b>Room 2</b>		
<b>EMERGING FUNCTIONAL PHASE-CHANGE MATERIALS FOR PLASMONIC, PHOTONIC AND MICROELECTRONIC APPLICATIONS - II</b> Chair: M. Losurdo, Italy M. Modreanu, Ireland		



<b>13 OCT. Friday</b>	<b>17:10-17:30</b>	<i>Coffee break</i>
		<b>Room 1 + 2</b>
	<b>17:30-19:00</b>	<b>NANOSCIENCE &amp; NANOENGINEERING</b> <i>Poster Session 4</i> Chair: A. M. Lepadatu, Romania C. Romanitan, Romania
	<b>20:30</b>	<b>CAS 2023 Banquet including Best Paper Awards ceremony (Hotel Sinaia Restaurant)</b>