



## 42<sup>nd</sup> International Semiconductor Conference CAS 2019

9 -11 October 2019, Sinaia, Romania

### PROGRAMME Overview

<b>8 October Tuesday</b>	<b>15:00-18:00</b>	<b>Registration</b>
	<b>20:30</b>	<b>Welcome Cocktail CAS 2019 (New Montana Hotel Restaurant)</b>

		BRAN HALL	PELES HALL
<b>9 October Wednesday</b>	<b>08:30-09:00</b>	<b>Registration</b>	
	<b>09:00-09:15</b>	Welcome to CAS 2019 <b>Miron Adrian Dinescu</b> , IMT Bucharest, Romania – CAS 2019 General Chairman	
	<b>09:15-11:15</b>	<b>Plenary Session 1 – PS 1</b> <i>(Invited Papers)</i>  <i>Chairs:</i> <i>Raluca Müller, Romania</i> <i>Mircea Dragoman, Romania</i>  <b>A.M. Ionescu, Switzerland</b> <b>D. Masotti, Italy</b> <b>E. Iliopoulos, Greece</b> <b>M. Dusa, Belgium</b>	
	<b>11:15-11:40</b>	<b>Coffee break</b>	
	<b>11:40-13:00</b>	<b>Nanoscience and Nanoengineering 1 – N&amp;N1,</b> <i>Oral presentations</i> <i>Chair: Magdalena Ciurea, Romania</i> <i>Mihaela Kusko, Romania</i>	<b>Nanomaterials and Sensors – Student papers</b> – <b>N&amp;S-S,</b> <i>Oral presentations</i> <i>Chair: Lidia Dobrescu, Romania</i> <i>Martino Aldrigo, Romania</i>

<b>9 October Wednesday</b>	<b>13:00-13:15</b>	<b>PHOTO "REMEMBER CAS 2019"</b> in front of New Montana Hotel	
	<b>13:15-14:30</b>	<b>Lunch</b>	
	<b>14:30-16:10</b>	<b>Microsensors and Microsystems 1 – M&amp;M1,</b> <i>Oral presentations</i> <i>Chair: Raluca Müller, Romania</i> <i>Claudius Dan, Romania</i>	<b>Micro- and Nanophotonics – N&amp;MN,</b> <i>Oral presentations</i> <i>Chair: Dana Cristea, Romania</i> <i>Daniela Dragoman, Romania</i>
	<b>16:10-16:30</b>	<b>Coffee break</b>	
	<b>16:30-18:10</b>	<b>Digital Innovation – DI</b> <i>Oral presentations</i> <i>Chair: Marius Neag, Romania</i> <i>Emilian Ceuca, Romania</i>	<b>Modelling &amp; Semiconductor Devices – Student papers - M&amp;SD-S,</b> <i>Oral presentations</i> <i>Chair: Dragos Dobrescu, Romania</i> <i>Adrian Tulbure, Romania</i>

<b>10 October Thursday</b>		<b>BRAN HALL</b>	<b>PELES HALL</b>	
	<b>09:00-11:00</b>	<b>Plenary Session 2 – PS 2</b> <i>Invited papers</i> <i>Chair:</i> <i>Adrian Ionescu, Switzerland</i> <i>Alexandru Müller, Romania</i>  <b>C. Adelman, Belgium</b> <b>S. Voinigescu, Canada</b> <b>F. Troiani, Italy</b> <b>F. Ciubotaru, Belgium</b>		
	<b>11:00-11:20</b>	<b>Coffee break</b>		
	<b>11:20-13:20</b>	<b>Nanoscience and Nanoengineering 2 – N&amp;N2</b> <i>Oral presentations</i> <i>Chair:</i> <i>Octavian Buiu, Romania</i> <i>Andrei Avram, Romania</i>	<b>Integrated Circuits – Student Papers – IC-S</b> <i>Oral presentations</i> <i>Chair:</i> <i>Florin Draghici, Romania</i> <i>Vlad Anghel, Romania</i>	
	<b>13:20-14:00</b>	<b>Lunch</b>		
	<b>14:00</b>	<b>Trip to BRAN Castle („Dracula’s Castle”)</b>		

		<b>BRAN HALL</b>	<b>PELES HALL</b>	<b>CANTACUZINO HALL</b>
<b>11 October Friday</b>	<b>09:00-11:00</b>	<p><b>Plenary Session 3 – PS3</b> <i>Invited Papers</i></p> <p><i>Chairs:</i> <i>Gheorghe Brezeanu, Romania</i> <i>Dan Neculoiu, Romania</i></p> <p><b>S. Cotofana, The Netherlands</b> <b>D. Zito, Denmark</b> <b>E. Napoli, Italy</b> <b>A. Takacs, France</b></p>		
	<b>10:00-11:00</b>			<p><b>Workshop „Sensors and Integrated Systems for Security and Health Applications” – Ia</b> <i>Chairs: Mariuca Gartner, Romania</i> <i>Peter Petrik, Hungary</i></p>
	<b>11:00-11:20</b>	<b>Coffee Break</b>		
	<b>11:20:13:20</b>	<p><b>Integrated Circuits – IC</b> <i>Oral presentations</i></p> <p><i>Chairs:</i> <i>Mircea Bodea, Romania</i> <i>Gheorghe Stefan, Romania</i></p>	<p><b>Microwave and Millimeter Wave Circuits and Systems – MW</b> <i>Oral presentations</i></p> <p><i>Chairs:</i> <i>Domenico Zito, Denmark</i> <i>Alexandru Takacs, France</i></p>	<p><b>Workshop „Sensors and Integrated Systems for Security and Health Applications” – Ib</b> <i>Chairs:</i> <i>Mariuca Gartner, Romania</i> <i>Peter Petrik, Hungary</i></p>
	<b>13:20-14:00</b>	<b>Lunch</b>		
	<b>14:00-16:00</b>		<p><b>Modelling and Semiconductor Devices – M&amp;SD</b> <i>Oral presentations</i></p> <p><i>Chairs:</i> <i>Ettore Napoli, Italy</i> <i>Mihai Brezeanu, Romania</i></p>	<p><b>Workshop „Sensors and Integrated Systems for Security and Health Applications” – II</b> <i>Chairs:</i> <i>Carmen Moldovan, Romania</i> <i>Nicu Goga, Romania</i></p>
	<b>16:00-16:30</b>	<b>Coffee break</b>		

<b>11 October Friday</b>	<b>16:30-19:00</b>	<b>Posters Sessions – BRAN HALL</b>		
		<b>Nanoscience and Nanoengineering 3 – N&amp;N3</b> <i>Poster Session</i> <i>Chairs:</i> <i>Titus Sandu, Romania</i> <i>Cristian Kusko, Romania</i>	<b>Microsensors and Microsystems 2 – M&amp;M2</b> <i>Poster Session</i> <i>Chairs:</i> <i>Oana Nedelcu, Romania</i> <i>Viorel Avramescu, Romania</i>	<b>Semiconductor Devices and ICs – SD&amp;IC</b> <i>Poster Session</i> <i>Chairs:</i> <i>Gheorghe Pristavu, Romania</i> <i>Cornel Stanescu, Romania</i>
	<b>20:30</b>	<b>CAS 2019 Banquet – New Montana Hotel Restaurant</b>		