

**MOCAS 2021**  
**5-7 July**  
**Brief Program**  
 (Greek summer time or GMT+3)

**Monday, 5 July 2021**

09:00 - 9:30	<b>Opening</b>
09:30-11:00	<b>Session 1</b> <i>Analog R/F and mixed signal Circuits</i> Chairs: A. Hatzopoulos, Ch. Theodorou <i>Papers to be presented:</i> 2, 6, 9, 35, 66
11:00 – 11:15	<b>Short Break</b>
11:15 – 12:15	<b>Keynote1</b> <b>Memristor Cellular Nonlinear Networks: Computing by Complexity</b> Speaker: <b>Ronald Tetzlaff</b> Chair: Yannis Messaris
12:15 – 12:30	<b>Short Break</b>
12:30 – 14:00	<b>Session 2</b> <i>Sensors and systems</i> Chair: R. Picos <i>Papers to be presented:</i> 88, 8, 37, 71, 17
14:00 – 15:00	<b>Break</b>
15:00 – 16:48	<b>Session 3</b> <i>Digital circuits</i> Chairs: K. Siozios, K. Tatas <i>Papers to be presented:</i> 47, 72, 87, 107, 108, 115
16:48 – 17:00	<b>Short Break</b>
17:00 – 18:40	<b>Poster 1</b> Chairs: M. Dasygenis, G. Kousiopoulos <i>Papers to be presented:</i> 24, 27, 41, 45, 54, 65, 73, 75, 77, 100, 101, 102, 112, 113

**Tuesday, 6 July 2021**

09:00 – 10:48	<b>Session 4</b> <i>Communication and network systems</i> Chair: A. Polo <i>Papers to be presented:</i> 14, 19, 25, 57, 79, 49
10:48 – 11:00	<b>Short Break</b>
11:00 – 12:00	<b>Keynote 2</b> <b>Building a Smart EM Environment for New Communication Systems and Application</b> Speaker: <b>Andrea Massa</b> Chair: S. Goudos
12:00 – 12:15	<b>Short Break</b>
12:15 – 13:45	<b>Session 5</b> <i>Systems and applications</i> Chair: A. Garcia-Ortiz <i>Papers to be presented:</i> 11, 13, 20, 30, 56
13:45 – 14:45	<b>Break</b>
14:45 – 15:45	<b>Keynote 3</b> <b>Next Generation Internet of Things: Requirements, Applications &amp; Paradigms</b> Speaker: <b>Panagiotis Sarigiannidis</b>

	Chair: S. Goudos
15:45 – 16:00	<b>Short Break</b>
16:00 – 17:30	<b>Session 6</b> <i>Power electronics, control systems and signal analysis</i> Chair: V. Konstantakos Papers to be presented: 5, 29, <b>103</b> , 97, <b>70</b>
17:30 – 19:01	<b>Poster 2</b> Chairs: A. Boursianis, M. Papadopoulou Papers to be presented: 32, 46, 48, 50, 52, 63, 76, 90, 91, 94, 95, 104, 114

### Wednesday, 7 July

09:10 – 10:30	<b>Workshop on</b> <i>Emergent Memristive Devices, Circuits and Systems for Wave Computing</i> Chairs: G. Sirakoulis, D. Tsoukalas, A. Ascoli Papers to be presented: 58, 31, <b>53</b> , 26, <b>28</b>
10:30 – 10:45	<b>Short Break</b>
10:45 – 11:45	<b>Keynote 4</b> <b>Robust Perception for Autonomous Robot Systems</b> Speaker: <b>Lazaros Nalpantidis</b> Chair: C.L. Sotiropoulou
11:45 – 12:00	<b>Short Break</b>
12:00 – 14:05	<b>Special Session on</b> <i>Machine Learning Applications in Communications and Electronics</i> Chairs: S. Goudos, M. Salucci, P. Sarigiannidis, S. Wan Papers to be presented: 39, 42, <b>78</b> , 86, <b>38</b> , 16, 80, 81, 23, 84
14:05 – 15:00	<b>Break</b>
15:00 – 16:33	<b>Workshop on</b> <i>Non-linear circuits and Systems</i> Chairs: Ch. Volos, L. Moysis Papers to be presented: <b>18</b> , 40, 44, 68, 34, 51, 92
16:35 – 17:55	<b>Special Session on</b> <i>Wireless Sensor System for Leak Detection and Localization in Pipelines (ESTHISIS project)</i> Chairs: S. Nikolaidis, G.O. Glentis, Ch. Spandonidis Papers to be presented: 55, 69, 99, 74, <b>98</b>
17:55 – 18:10	<b>Short Break</b>
18:10 – 18:30	<b>Awards – Closing Ceremony</b>

Colored blue: Oral presentation

Colored red: Poster presentation

**Bold:** Candidate for award