

**PATMOS 2017**  
**25-27 September, Thessaloniki**  
**Brief Program**

**Monday, 25 September**

08:20-09:00	Registration
09:00-09:30	Opening
09:30-10:30	Keynote1 Session Chairs: Calliope-Louisa Sotiropoulou, Spiros Nikolaidis <b><i>Plenty of Room at the Bottom? Micropower Deep Learning for IoT end-nodes</i></b> by <b>Luca Benini</b>
10:30-11:00	Coffee break
11:00-12:40	Session 1 Session Chairs: Georgios Syrakoulis, Alberto Garcia Ortiz <b>Non conventional energy efficiency techniques using stochastic and bio-inspired techniques</b> <b>Papers 67, 22, 17, 69, 25'</b> each one
12:40-14:00	Lunch
14:00-15:40	Session 2 Session Chairs: Konstantinos Tatas , Kostas Siozios <b>Three dimensional interconnects: architectures and test</b> <b>Papers 8, 12, 43, 58, 25'</b> each one
15:40-16:30	Poster Session + PhD forum+ Coffee break Session Chair: Ioannis Messaris <b>Papers 7, 13, 18, 21, 64, 30, 50, 66</b>
16:30-18:00	Session 3 Session Chairs: Vojin Oklobdzija, Nikolaos Konofaos <b>Energy efficiency for processing elements: architectures and methodologies</b> <b>Papers 53, 14, 68, 48, 22'</b> each one

**Tuesday, 26 September**

08:20-09:00	Registration
09:00-10:00	Keynote 2 Session Chairs: Alkis Hatzopoulos, Georgios Tsiatouhas <b><i>Fast and Accurate CPS Simulation for the masses</i></b> by <b>Ioannis Papaefstathiou</b>
10:00-10:20	Coffee break
10:20-11:35	Special Session: VARI Session Chairs: Nadine Azemard, Dimitrios Soudris <b>Papers 36, 71, 28, 25'</b> each one
11:35-11:50	Short break
11:50-13:05	Session 4 Session Chairs: Calliope-Louisa Sotiropoulou, Spiros Nikolaidis <b>Novel technologies for high-performance, low-power and reliability</b> <b>Papers 26, 15, 37, 25'</b> each one
13:05-14:10	Light Lunch
14:30-18:30	Visit to tomb of Philippe II

19:30	Conference Dinner
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### Wednesday, 27 September

08:20-09:00	Registration
09:00-10:00	Keynote 3, Session chairs: Alon Ascoli, Dalibor Birolek <b><i>Nonlinear Dynamics of Memristor Circuits in Locally Coupled Networks</i></b> by Ronald Tetzlaff
10:00-10:45	Poster Session + Coffee break Session Chair: Ioannis Messaris <b>Papers 33, 34, 51, 52, 60, 63, 23, 70</b>
10:45-13:00	Special Session on memristors Session chairs: Ronald Tetzlaff, Alon Ascoli <b>Papers 20, 32, 55, 27, 62, 54, 22'</b> each one
13:00-14:20	Lunch
14:20-15:26	Session 5 Session Chairs: Dietmar Fey, Nikolaos Konofaos <b>Power and timing modeling for new technologies and logic architectures</b> <b>Papers 5, 56, 31, 22'</b> each one
15:26-15:50	Coffee break
15:50-17:20	Session 6 Session Chairs: George Theodoridis, Minas Dasygenis <b>Circuits and architectures for power and performance optimization</b> <b>Papers 47, 61, 9, 42, 22'</b> each one
17:20-17:50	Awards - Closing ceremony