

MemoCIS Training School
'Memristors – Devices, Models, Circuits, Systems and Applications', Alghero, Italy
9.-11.5.2015

PROGRAM

Day 1 - Saturday, May 9, 2015

08:30 – 09:30	Registration and Welcome
09:30 – 10:30	Andy Thomas , “Memristor device technologies” – Part 1
10:30 – 11:00	Morning Break
11:00 – 12:00	Andy Thomas , “Memristor device technologies” – Part 2
12:00 – 13:00	Daniele Ielmini , “Switching Mechanisms in Memristor Device Technologies” – Part 1
13:00 – 14:00	Lunch Break
14:00 – 15:00	Daniele Ielmini , “Switching Mechanisms in Memristor Device Technologies” – Part 2
15:00 – 16:00	Dalibor Bialek , “The art of behavioral modeling and simulation of mem-devices in SPICE” – Part 1
16:00 – 17:00	Trainee poster session 1 (Catarina Dias, Marcos Maestro Izquierdo, Marija Mrvic, Miroslav Michev, Muhammad Adib Haron, Paolo Lorenzi, Igor Mishkovski, Lei Xie)
20:00 – 21:00	Dinner



PROGRAM

Day 2 - Sunday, May 10, 2015

08:30 – 09:30	Dalibor Bielek , “The art of behavioral modeling and simulation of mem-devices in SPICE” – Part 2
09:30 – 10:30	Giacomo Indiveri , “Integrating memristive devices in neuromorphic electronic systems” – Part 1
10:30 – 11:00	Morning Break
11:00 – 12:00	Giacomo Indiveri , “Integrating memristive devices in neuromorphic electronic systems” – Part 2
12:00 – 13:00	Giacomo Indiveri , “Integrating memristive devices in neuromorphic electronic systems” – Part 3
13:00 – 14:00	Lunch Break
14:00 – 15:00	Said Hamdioui , “Memristor: The key enabler for Big Data Computers” – Part 1
15:00 – 16:00	Said Hamdioui , “Memristor: The key enabler for Big Data Computers” – Part 2
16:00 – 17:00	Trainee poster session 2 (Alberto Rodriguez, Erika Covi, Hoang Anh Du Nguyen, Irem Boybat, Jintao Yu, Juli Blasco, Ali Zaher, Viera Biolkova)
20:00 – 21:00	Dinner



PROGRAM

Day 3 - Monday, May 11, 2015

08:30 – 09:30	Ronald Tetzlaff , “Circuit and system theoretic notions” – Part 1
09:30 – 10:30	Ronald Tetzlaff , “Circuit and system theoretic notions” – Part 2
10:30 – 11:00	Morning Break
11:00 – 12:00	Alon Ascoli , “Non-linear dynamics in memristor-based circuits” – Part 1
12:00 – 13:00	Alon Ascoli , “Non-linear dynamics in memristor-based circuits” – Part 2
13:00 – 14:00	Lunch Break
14:00 – 15:00	Timothée Masquelier , “Spike-based computing and learning in brains, machines, and visual systems” – Part 1
15:00 – 16:00	Timothée Masquelier , “Spike-based computing and learning in brains, machines, and visual systems” – Part 2
16:00 – 17:00	Trainee poster session 3 (Tenessa R. Phillip , Simone Cortese , Mohamad Moner Al Chawa , Ioannis Messaris , Georgios Papandroulidakis , Berna Torun , Debarati Mukherjee)
20:00 – 21:00	Dinner

