

Neuromorphic Computing Workshop

ST Crolles 23 Nov 2017

AGENDA

SPEAKER	TITLE OF THE PRESENTATION	Time	Duration
Dominique Thomas	Welcome address -	9h00	15mn
REITA Carlo	Neuromorphic and Deep Learning technologies at CEA	9h15	40mn
VIANELLO Elisa	Unconventional uses of embedded RRAM: toward neuromorphic computing systems	9h55	20mn
Giacomo Indiveri	Mixed-signal neuromorphic computing architectures in 28 nm FD-SOI technology	10h15	40mn
<i>coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break.....</i>		10h55	15mn
Sabina Spiga	Memristive synapses for spiking neural networks	11h10	20mn
Bernabe Linares Barranco	Memristive Neuromorphic Systems	11h30	20mn
Soeren Steudel	Reconfigurable neuromorphic synapse interconnects with TFT	11h50	20mn
<i>.. Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch buffet..... Lunch</i>		12h	1h30
Bert Offrein	Photonic neural networks	1h30	30mn
Frédéric Pétrot	Overview of Ternary Neural Networks (TNN), training strategy, architecture and results	14h00	30mn
Laurent BIDAULT	Deep Learning (Convolution Neural Network) for image classification	14h30	30mn
<i>coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break..... coffee break.....</i>		15h00	15mn
Lucas FERNANDEZ BRILLET	Designing efficient convolutional networks.	15h15	20mn
Pierre DEMAJ	DNN-based Multimodal Context Awareness: a SW approach for STM32	15h35	20mn
philippe galy	Embedded Neuron solution in FD-SOI technology Overview & Preliminary results	15h55	20mn
Jean-Luc Bataillon	Discussion, final remarks, conclusion	16h15	45mn
	End of the meeting	17h	
For information, contact Philippe Galy or Jean-Luc Bataillon			