



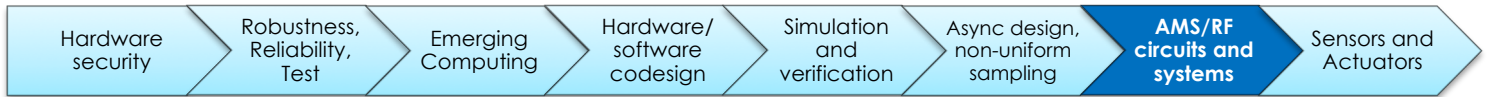
TIMA Scientific Days

These Scientific Days are meant to present the research topics and to disseminate the recent advances of TIMA researchers. **These presentations are open to everybody**, whether they are members of TIMA or not.



Topic: AMS-RF circuits and systems

Apr. 7th, 2020 TIMA Laboratory – Amphitheatre Gosse



Program	
14h00 – 14h15	Manuel J. Barragan – AMS-RF circuits and systems – Brief introduction
14h15 – 14h45	Ioana Vatajelu – Design considerations for Spiking Neural Networks
14h45 – 15h15	Invited talk: Guillaume Prenat (Spintec) – Spintronics: from MRAM to analog applications
15h15 – 15h45	Mohamed Akrarai – A Novel Event Based Image Sensor Architecture
15h45 – 16h15	Coffee Break
16h15 – 16h45	Renato Silveira Feitoza – On-chip reduced-code static linearity test of SAR ADCs using an incremental analog-to-digital converter
16h45 – 17h15	Ali Alshakoush (RFICLab) – Design of a Mixer for Low Power Consumption and wideband applications
17h15 – 17h45	Marc Margalef-Rovira – Oscillation-Based Test for mm-wave phase shifters
17h45 – 18:15	Breytner J. Fernández Mesa – AMS simulation on top of SystemC for high accuracy and speed

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