

Program InMRAM 2020

MONDAY JULY 6TH	8H-9H	WELCOME/COFFEE/BADGE AND PEDAGOGIC MATERIAL PICK-UP
	8h50-9h	Welcome <i>(B.Dieny + R.Sousa)</i>
	9h-10h30	Magnetism basics 1 / Microelectronics basics 1 <i>(Jean-Philippe ATTANE) (Guillaume PRENAT)</i>
	10h30-11h00	Coffee break
	11h00-12h00	Magnetism basics 2 / Microelectronics basics 2 <i>(Jean-Philippe ATTANE) (Guillaume PRENAT)</i>
	12h00-13h30	LUNCH
	13h30-15h30	Spintronics phenomena <i>(Henri JAFFRES)</i>
	15h30-16h00	Coffee break
	16h00-18h00	MRAM 1 (MTJ materials, electrical properties, thermal effects) <i>(Ricardo SOUSA)</i>
TUESDAY July 7TH	9h-10h30	MRAM 2 (STT-MRAM) <i>(Bernard DIENY)</i>
	10h30-11h00	Coffee break
	11h00-12h30	MRAM 3 (3-terminal MRAM, DW - SOT) <i>(Kevin GARELLO)</i>
	12h30-14h00	LUNCH
	14h00-15H00	Race track based on DW and skyrmions <i>(Olivier BOULLE)</i>
	15h00-16h00	Neuromorphic computing in non-volatile memory technologies <i>(Damien QUERLIOZ)</i>
		Coffee break
	16h30-17h30	Non-volatile memory markets and companies <i>(Simone BERTOLAZZI)</i>
	19h30-21h30	InMRAM Diner
WEDNESDAY July 8th	9h00-10h30	MRAM process and test <i>(L.PREJBEANU)</i>
	10h30-11h00	Coffee break
	11h00-12h30	Beyond MRAM, CMOS/Mag integrated electronics, Reliability <i>(Mehdi TAHORI)</i>
	12h30-14h00	LUNCH
	14h00-16h00	Training on design tools or SPINTEC visit (optional)