

TCAD for the Design of Electronic Devices and Circuits

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Calendar

Morning session			Afternoon session	
Date	Responsible (Schedule)	Unit	Responsible/ (Schedule)	Unit
Tuesday 23/09	C. Sampedro (9:30-13:00)	Introduction to numerical Simulation. TCAD Tools	C. Sampedro (16:30-19:00)	Semiconductor structures for nanodevices
Wednesday 24/09	C. Sampedro (9:30-13:00)	Electrostatic Simulation. Transient Simulation	C. Medina-Bailón (17:30-19:30)	Semi-classical Monte Carlo simulation
Thursday 25/09	C. Sampedro (9:30-12:30)	Mixed Mode Simulation	C. Medina-Bailón (16:00-)	Introduction to GARAND
			C. Medina-Bailón (-19:30)	Lab 1 - Monte Carlo simulation I

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Morning session			Afternoon session	
Date	Responsible (Schedule)	Unit	Responsible/ (Schedule)	Unit
Friday 26/09	C. Medina-Bailón (10:30-12:30)	Variability Sources		
Monday 29/09	L. Donetti (10:30-14:00)	Simulation of technological processes	C. Medina-Bailón (16:30-)	Introduction to the variability module of GARAND
			C. Medina-Bailón (-19:30)	Lab 2 - Simulation of variability sources

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Morning session			Afternoon session	
Date	Responsible (Schedule)	Unit	Responsible/ (Schedule)	Unit
Tuesday 30/09	L. Donetti (10:30-13:30)	Introduction to QuantumATK, Atomistic simulations I		
Wednesday 01/10	L. Donetti (10:30-12:00)	Atomistic simulations II	C. Medina-Bailón (17:30-19:30)	Lab 1 - Monte Carlo simulation II
	L. Donetti (12:00-13:30)	Quantum transport with NEGF I		
Thursday 02/10	L. Donetti (10:30-13:30)	Quantum transport with NEGF II		