

Agenda

NeaPolis Innovation Summer Campus 2022

	On-line			@ STMicroelectronics Arzano (NA)				@ STMicroelectronics Arzano (NA)	
	Thursday August 25 th	Friday August 26 th	Monday August 29 th	Tuesday August 30 th	Wednesday August 31 th	Thursday September 1 st	Friday September 2 nd	Saturday September 3 rd	Sunday September 4 th
09:00	Welcome	Code Sharing & Versioning	Embedded Development Patterns	Welcome Coffee	Software & Firmware Requirements Specification	Precise Positioning overview: GPS & GNSS	System on Chip Challenges		
09:15	Hardware & Software check			IC level Communications: SPI & I2C					
09:30	Elctronics Tips & Tricks								
10:45	Coffee w/ Giovanni	Coffee w/ Giovanni	Coffee w/ Giovanni	Coffee w/ Giovanni	Coffee w/ Giovanni	Coffee w/ Giovanni	Break	Break	Break
11:00	ChibiStudio Development Environment	USART & Serial Streams	First approach to textual interfaces	Generating Squarewaves with PWM	Interrupt Capture Unit	Firmware Testing	Team Project Work	HackFest Challenges	Non-stop team "speed dating" with Q&A and Peer voting
									Evaluation Committee decisions
12:30	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Feedback
14:00	Using GPIO peripherals	Debugging	Sampling analog signals with ADC	Team Project Start	Team Project Work	Team Project Work	Team Project Work	HackFest Challenges	Awards
									End
15:30	Break	Break	Break	Break	Break	Break	Break		
15:45 - 17:00	RTOS Overview & ChibiOS	Review of previous sessions	Team Working & Multicultural Organization	Team Project Work	Team Project Work	Team Project Work	Team Project Work		