

# Agenda

## NeaPolis Innovation Summer Campus 2022

	On-line			@ STMicroelectronics Arzano (NA)				@ STMicroelectronics Arzano (NA)				
	Thursday August 25 <sup>th</sup>	Friday August 26 <sup>th</sup>	Monday August 29 <sup>th</sup>	Tuesday August 30 <sup>th</sup>	Wednesday August 31 <sup>th</sup>	Thursday September 1 <sup>st</sup>	Friday September 2 <sup>nd</sup>	Saturday September 3 <sup>rd</sup>	Sunday September 4 <sup>th</sup>			
09:00	<b>Welcome</b>	Code Sharing & Versioning	Embedded Development Patterns	<b>Welcome Coffee</b>	Software & Firmware Requirements Specification	Precise Positioning overview: GPS & GNSS	System on Chip Challenges					
09:15	Hardware & Software check			IC level Communications: SPI & I2C						Welcome Coffee	HackFest overview	Overview and final preparations
09:30	Eltelectronics 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	Team Project Work	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	<b>Awards</b>			
15:30	Break	Break	Break	Coffee w/ Federica	Break	Break	Break		End			
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					