



Subject: Internship Proposal

<i>ID</i>	PTI_EN_Fazio Maria_02/10/2025 10.41.55
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Project Supervisor

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Project details

Title	Set up of distributed services across Edge/Cloud systems		
<p><i>Detailed description:</i> The internship will allow students to become familiar with the hardware and software components necessary for configuring distributed computing systems and providing on-demand services.</p> <p>Students will be involved in the design, setup and configuration of Edge and/or Cloud infrastructures, which are characterized by different types of devices and network equipment. This will allow the students to investigate different requirements and technological issues underlying distributed systems. The systems will then be tested by using both functional validation and performance benchmarking.</p> <p>Students will also investigate possible strategies for automating the physical and virtual allocation of resources, by considering service loads, user requests and project needs.</p>			
Duration (month – max 12)	6		
Duration (hours)	100		
Open positions	3		

Internship Skills

Technical requirements: Good knowledge of computer networks and operating systems.



<i>Other skills</i>	