

Scheda Laboratori di Ricerca

<p>Denominazione del Laboratorio</p>	<p><i>Italiano:</i> Laboratorio ICT (Information and Communication Laboratory)</p> <p><i>Inglese:</i> ICT Laboratory (Information and Communication Laboratory)</p>
<p>Gruppo di Ricerca di Riferimento</p>	<p><i>Italiano</i> Elaborazione delle immagini e sensoristica ottica e a microonde</p> <p><i>Inglese:</i> Image Processing and Optical Microwave Sensors</p>
<p>Descrizione sintetica delle attrezzature, della strumentazione e delle attività di ricerca</p>	<p>Main activities of the Laboratory: Use of software for the simulation of mathematical models for Telecommunications, Machine Learning and Digital Signal Processing. The laboratory includes development of prototype software-defined-radio (SDR) systems. The research activities and laboratory people are described in detail at the lab website <a href="https://www.mlsptlab-unicampania.it/">https://www.mlsptlab-unicampania.it/</a>.</p> <p>Available equipment includes: Workstation serie NBOX modello 23: Intel Core i9-7920X (16,5 MB L3 Cache, max 4,30 GHz, 12 cores); 96GB RAM DDR4; 120GB SSD + 4 TB HD; ASUS ROG strix GeForce RTX 2080 Ti (11 GB GDDR6); HP ProDesk 490 G2 MT con ASUS GeForce® GTX 750 Ti (2 GB GDDR5); 2 HP ProDesk 400 G2 MT; 2 Rohde &amp; Schwarz AM300; LeCroy waveRunner 6100 (1 GHz); Tektronix TDS 5054; Tektronix TAS 250; Larson Davis System 824; Proiettore BENQ 9HJH277 14W.</p>