The goal of our 2nd level Master is the professional training of a new ICT expert: the integrator and manager of systems based on Internet of Things (IoT) technology. The new professional will have high technical skills as well as business competences in the ICT area, being responsible for the technical management (including analysis, design, implementation and maintenance) of complex IoT systems and their integration. Such new professional is emerging both at National and International levels due to the pervasive and fast diffusion of the IoT technology in the context of strategic application domains such as e-Health, Smart City, Automotive, Logistics, Smart Home and Buildings, wearables and in all those sectors and subsectors that will be enabled by IoT technologies. The specific skills of such trained professionals will allow them to be easily inserted in large enterprises, small-medium enterprises, utility companies, city councils, and research institutions that are involved (or will be involved in the near future) in the development and/or management of IoT Systems, as it is evident from the state of the art and current trends in the ICT sector.

ENROLLMENT REQUIREMENTS

Candidates should have one of the following MSc-level (1st level Master) degrees:

1. Laurea magistrale ex D.M. 270/04 or specialistica ex D.M. 509/99 in the class of Information Engineering or in the class of Information Science and Technologies.
3. Laurea vecchio ordinamento (antecedente D.M. 509/99) or Master of Science degree at foreign universities of a duration of at least 4 years, equivalent to one of the degrees at points 1 or 2.

TUITION FEE: 2000 EURO

WEB LINK: CALL AND APPLICATION

- https://unical.portaleamministrazionetrasparente.it/archivio22_bandi-di-concorso_0_6353_874_1.html
- https://unical.esse3.cineca.it/

HEADQUARTERS AND CONTACTS

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Tel. +39.0984.494063, Fax. +39.0984.494713
g.fortino@unical.it

Location of Classes
On-line via MS Teams and DOMUS District - University of Calabria, Centro Residenziale Chiodo 2 - Rende (CS)

Sponsor Institutions and Companies

- ICAR-CNR
- Distretto DOMUS
- Ordine degli Ingegneri della Provincia di Cosenza
- Talent Garden Cosenza
- Universitat Politecnica de Valencia (Spagna)
- Wuhan University of Technology (Cina)
- New Jersey Institute of Technology (USA)
- Institut Mines-Telecom (Francia)
- University of Melbourne (Australia)
- NTT Data S.p.a.
- SCAI Lab
- Omnia Energia S.p.a.
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I N T E R - I O T

(Third Edition)

Integrator & Manager of Internet of Things Systems

The goal of our 2nd level Master is the professional training of a new ICT expert: the integrator and manager of systems based on Internet of Things (IoT) technology. The new professional will have high technical skills as well as business competences in the ICT area, being responsible for the technical management (including analysis, design, implementation and maintenance) of complex IoT systems and their integration. Such new professional is emerging both at National and International levels due to the pervasive and fast diffusion of the IoT technology in the context of strategic application domains such as e-Health, Smart City, Automotive, Logistics, Smart Home and Buildings, wearables and in all those sectors and subsectors that will be enabled by IoT technologies. The specific skills of such trained professionals will allow them to be easily inserted in large enterprises, small-medium enterprises, utility companies, city councils, and research institutions that are involved (or will be involved in the near future) in the development and/or management of IoT Systems, as it is evident from the state of the art and current trends in the ICT sector.

http://labs.dimes.unical.it/speme/master-inter-iot/
GOALS AND PROFESSIONAL OUTLETS

Our degree course is oriented to train experts of development and management of IoT systems able to understand the main management, technical, technological, and business aspects of the Internet of Things in the context of different application domains such as e-Health, building automation, Smart Grid, Smart City, Industry 4.0.

The 2nd level Master allows to acquire conceptual tools and technical/scientific skills suitable to satisfy the needs of several professional figures such as:

- Professionals able to define and manage the main organization processes, policies and models in the IoT context inside an organization.
- Professionals able to develop innovative IoT systems in various application domains.
- Professionals able to integrate even heterogeneous IoT systems in various application domains.
- Professionals able to develop and manage business models for IoT systems.

The expert of integration and management of IoT systems finds employment in enterprises, research institutions, public companies, and in all those organizations that directly or indirectly focus on the development, integration, and management of IoT systems.