

# “State and perspective of ICT Engineering in Italy and Spain”

Workshop  
Ordine degli Ingegneri della Provincia di Roma  
Piazza della Repubblica, 59 – 00185 Roma  
2019, April 12<sup>th</sup>

## Introduction

This event has been proposed by the Fitce Italian Association AICT and the Fitce Spanish Association AEIT, as a result of the round table held at the last FITCE congress in Madrid with the title: "The profession of ICT engineer in Europe".

The proposal extends to the celebration of a joint event between the two Associations but also with the participation of the "Colegio Oficial de Ingenieros de Telecomunicación" COIT", the "Instituto de la Ingeniería de España" IEE, and the "Ordine degli Ingegneri of the Province of Rome". In fact, in Italy professional competences are organized territorially and not vertically, as in Spain. The Roman Order has approximately 23,000 members, proving to be the largest in Europe.

The goal is to be able to know the academic and professional sectors of Italy and Spain in telecommunications and ICT engineering and to be able to do a joint public demonstration.

The expected result on this day would be to obtain the knowledge described in the aforementioned areas and also to establish joint working lines with national and European institutions regarding the engineering professions and their skills, given the moment of change and the uncertainty in that we move with respect to all kinds of institutions. Furthermore, collaboration lines can be proposed for future projects on technological topics of mutual interest.

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## Working Groups activity

For the appropriate preparation of the meeting, three common working groups will be set up to prepare their documents. They will begin to work separately in Italy and Spain from January 15th until the end of March. During this period, information and preparatory documents will be exchanged between the two countries. On April 11th (that is, the day before the workshop) each working group will meet jointly in the premises of the Order of Rome to prepare a common position to be presented the following day in plenary.

The topics that will be addressed by the working groups are:

### **Group 1: Professional ICT careers in Spain and Italy**

*To analyse: Careers, centres; Competencies; Study plans; Abilities; Situations of conflict;  
Evolution of students and future forecast*

Italy: Ing. Paola Rocco (\*) – Ing. Valerio Lombardi - Ing. Luca Tricca

Spain: Prof. Ing. Ferran Marques (\*)- Prof. Evaristo Abril

### **Group 2: Professional environment**

*To analyse: Professionally recognized degrees; Professional certifications;  
Qualifying professional associations; Public offer of employment of professionals;  
Socio-professional study*

Italy: Ing. Massimo Marrocco (\*) – Ing. Ciro Fanigliulo - Ing. Luciano Cristaldi

Spain: Ing. Andrea Iglesias (\*) – Ing. Diego Sansegundo – Prof. Julio Navío

### **Group 3: Associative environment**

*To analyse: Associations and schools; Evolution and forecasts; the situation in Europe*

Italy: Ing. Carlo Carosi (\*) – Ing. Vincenzo Cortese - Ing. Alessandro Vizzarri

Spain: Ing. Luis Gil (\*) – Ing. Jesús Izquierdo

(\*) Coordinator

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## Agenda

**9:30** *Registration*

**10:00** **Opening Session**

Ing. Carla Cappiello, Ordine Ingegneri della Provincia di Roma - President

Ing. Armando Zambrano, Consiglio Nazionale degli Ingegneri – President

Ing. Adrián Nogales, COIT – Director of Institutional Relations

Ing. Julio Navío, AEIT – Vice President

Ing. Andrea Penza, AICT - President

**10:45** **Purpose and structure of the event**

Ing. Miguel Merino Gil, AEIT

**11:00** **Key note speech: “Engineering in ICT: securing a future?”**

Prof. Francesco Vatalaro & Ing. Alessandro Vizzarri, University Roma Tor Vergata

**11:30** *Coffee break*

**12:00** **Round Table**

***New developments in the ICT engineering profession from Italy to Spain to Europe***

Chairman: Ing. Maurizio Mayer, AICT - Past President

Participants:

Prof. Francisco Jimenez, Polytechnic University of Madrid - Vice Rector

Ing. Aldo Milan, AGCOM

Ing. Julio Navío, AEIT - Vice President

Ing. Adrián Nogales, COIT – Director of Institutional Relations

D.ssa Emanuela Ronzitti, Ministry of Justice representative - free professions office,  
international department

Doctor Stefan Rugel, FITCE – President

Ing. Angelo Valsecchi, Consiglio Nazionale degli Ingegneri

Ing. Roberto Viola, UE DG Connect - Director [*invited*]

**13:30** **Recommendation of future actions**

**14:00** *Light Lunch*

**15:00** **Key note speech: “ICT Engineering for ALL”**

Ing. Miguel A. Valero - Director of CEAPAT, Spanish Ministry of Health and Consumption

**15:30** **Presentations of the Working Groups**

Chairman Ing. Miguel Merino Gil, AEIT

WG 1 “Professional ICT careers”

Italy: Ing. Paola Rocco

Spain: Prof. Ing. Ferran Marques, Director of the School of Telecommunications Engineers at  
Polytechnic University of Barcelona

WG 2 “Professional environment”

Italy: Ing. Massimo Marrocco

Spain: Ing. Andrea Iglesias

WG 3 “Associative environment”

Italy: Ing. Carlo Carosi

Spain: Ing. Luis Gil

**17:00** **Open Session Q&A**

**17:30** **End of the workshop**