Programme

From Network Infrastructures to Network Fabric: revolution at the edges

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As Congress Chairman, I wish to welcome delegates of the Euro Med Telco Conference 2014 to the historic city of Naples. The Euro Med Telco Conference 2014 doubles up as the 53rd edition of the annual FITCE International Congress and the first open event organized by the Euro Med Telco Forum (EMTF). FITCE is the well-known Federation of the Telecommunications Engineers of the European Union while EMTF is a platform founded by the Greek, Italian and Spanish FITCE branches that aims to extend the ICT cultural activities beyond the European boundaries to reach all the Mediterranean area. The Naples choice for this first edition wants to be a clear geographical sign in this direction.

The Conference will be hosted by the University of Naples Federico II Congress Centre in Via Partenope on the sea side just in front of the magnificent Castel dell’Ovo.

We believe that a strong contribution to the economic and social progress of this wide area may come from the last advances and wide distribution of the latest ICT researches and related applications. For this reason we have chosen a subject for the scientific and technical sessions in line with the most recent developments and market trends: in fact in these last few years we have seen a growth in the local networks, wifi, bluetooth, sensors’ networks. We have also seen several constituencies setting up their local networks, like in malls, airports. Some of these are actually city wide, set up by Municipalities.

In the coming years we are going to see further deployment of these networks as well as of halo nets created by terminals themselves, like a cell phone creating a local network that can be used by a variety of devices to connect to the big infrastructure and with one another.

This is leading to a revolution at the edges, supporting the connectivity at ambient level and decoupling the end user from the main infrastructure. Actually, we are also seeing double SIM cell phones that can connect to two Operators networks and the advent of the Soft SIM is likely to multiply the access option for a terminal. All of this tells us that we are moving in terms of the end user from a single Network Infrastructure to a Network Fabric.

Clearly this has significant implication for the Operators that by 2015 in Europe will find their own market space populated by all other European Cell Phone Operators: an increase in connectivity options from a few to over a hundred!

This connectivity fabric will also provide major opportunities to many partners making the Internet of Things more and more feasible.

Beside the technical program we will have round tables regarding interesting topics related to the diffusion of these techniques, like: Digital Agenda for the Mediterranean?

We therefore invite all the ICT community in and outside the Euro Mediterranean area to contribute and participate to this new initiative.

Maurizio Mayer  EMCT - FITCE Congress 2014 General Chair
MESSAGE FROM THE FITCE PRESIDENT

Dear FITCE friends,

Organization of this year 53rd FITCE International Congress is entrusted to the Italian Association AICT. They have prepared this event together with Greek and Spanish FITCE Associations in the formula of their mutual cooperation activity in the Mediterranean European region. This new formula called Euro Med (-iterranean) Telco Forum is especially interesting as it is also addressing boundaries beyond southern Europe. While in our Federation of FITCE we are in the process of “new FITCE” implementation, this regional attempt seems attractive and promising. Moreover the subject of this 53rd FITCE Congress turns our attention to the new and challenging phenomenon of raising connectivity of terminal equipment in telecommunication networks. More and more, the users of telecommunication services will connect their equipment to more than one single network and will multiply accessibility of their terminals. This will open new prospects for the owners of network infrastructure, operating companies and service providers. All Congress’ meetings and presentations will take place in the Conference Centre of the University of Naples, located on the nice banks of the Mediterranean sea. This beautiful and historical place will in addition host our yearly meeting.

Dear friends, firstly we expect your professional satisfaction from the visit to Naples this year, but secondly, we do expect you to stay in this city to be a pleasant and interesting one, because of the many unique tourist attractions. We invite you to the 53rd FITCE Congress in Naples and appreciate very much the opportunity of meeting you this year in Italy.

Wojciech Hałka  FITCE President

MESSAGE FROM THE AICT PRESIDENT

Dear friends,

after three years, the FITCE Congress is hosted again in Italy, in one of the most beautiful cities on the Mediterranean Sea, Naples. We still remember the great success of Palermo FITCE Congress, where we celebrated the golden marriage with the Federation, 50 years of cultural and professional development. Now, from the Mediterranean Sea we wish to proceed and go on towards a path of innovation where all countries that surround it across the three continents of Africa, Asia and Europe are going to launch a joint bridge in order to build a network community and promote the culture of the digital innovation.

AICT, the Italian FITCE Branch, together along with the Greek and the Spanish ones, took the chair to organize this Congress: Euro Med Telco Conference 2014. AICT represents in Italy a real prestigious reference point in Information Technology & Telco environments (AICT is the society of AEIT Association for ICT topics) with the main mission to share the technological culture and create chance of meetings and debates between the biggest market operators on the existing and future major topics of ICT and New Media, with a special attention to young people, and their approach to the business world, led by companies and/or Institutions.

Euro Med Telco Conference will be focused on all topics which will be able to drive the innovative world of the future, an international initiative on which we are able to launch the new Forum “EuroMedTelco”, with the joint participation of Italian, Greek and Spanish FITCE associations, in order to constitute an Internet platform hosting an innovation community between operators and players of ICT & Telco sectors, logistically allocated in the Mediterranean area. On this specific event professionals belonging to other areas of the world (Maghreb and others) have been involved. A special workshop has been organized within the Congress, dedicated to the Mediterranean area innovation opportunities: possible synergies and common projects will be analyzed and discussed.

Andrea Penza  AICT President

COMMITTEES

Honorary Committee

Chairman:  Wojciech Hałka - FITCE President, Poland
Members:  Eugenio Fontín Oñate - FITCE Spain President, Spain
        Mario Rinaldi - AEIT General President, Italy
        Kostas Sidiropoulos - FITCE Greece President, Greece

Organizing Committee

Chairman:  Maurizio Mayer - AEIT General Vice President, Italy
Members:  George Agapiou - FITCE Greece, Greece
         Ermanno Berruto - AICT Vice President, Italy
         Franca Chiusi - AEIT/Conference Treasurer, Italy
         Anna Lisa Fontana - AEIT/Conference Secretariat, Italy
         Mario Martineili - AICT Vice President, Italy
         Miguel Merino - FITCE Spain, Spain
         Giuseppe Notaro - AEIT/Publication Chair, Italy
         Maria Nuño Valdés - FITCE Spain, Spain
         Andrea Penza - AICT President, Italy
         Alessandro Vizzari - AICT, Italy

Technical Program Committee

Chairman:  Luigi Paura - University of Naples Federico II, Italy
Co-Chairmen:  Joel Rodrigues - Instituto de Telecomunicacoes, University of Beira, Portugal
            Willem Van Der Bijj - Cdgemini/FITCE TPC Chair, The Netherlands
            Francesco Vatalaro – University of Rome Tor Vergata, Italy
            George Agapiou - QTE Research FITCE Hellas, Greece
            Javier Aguilar - Universidad de Valladolid- IEEE ComSoc Internet TC member, Spain
            Leopoldo Angiassani - University of Naples Federico II, Italy
            Pierpaolo Boffi - Polytechnic University of Milan, Italy
            Dajana Cassioli - University of L’Aquila - IEEE Italy Section Vehicular & Comm. Joint Chair, Italy
            Armando Chiari - Higher Institute of Communications (ISCI), Italy
            Martin Collier - Dublin City University, Ireland
            Franco Davoli - University of Genoa, Italy
            Hans Otto Ehmke - FITCE Deutschland, Germany
            Romano Fantacci - University of Florence, Italy
            Gaspare Galati - University of Rome Tor Vergata, Italy
            Giovanni Garbo - University of Palermo, Italy
            Dino Giuliani - CNIT - University of Florence, Italy
            Artan Halimi - A1 telecom Austria - FITCE Austria, Austria
            Wojciech Hałka - National Institute of Telecommunications - FITCE Poland, Poland
            Vaclav Krepelka - Independent Telecommunications Professional - FITCE CZE, Czech Republic
            Jaime Lloret - Universidad Politénica de Valencia - IEEE ComSoc Internet TC Chair, Spain
            Alberto Lometti - Alcatel-Lucent, Italy
            Marco Luise - University of Pisa, Italy
José Machota - Colegio Oficial Ingenieros de Telecomunicacion (COIT), Spain
Antonio Manzalini - Telecom Italia - IEEE SDN Steering Committee Chair, Italy
Mario Martinelli - Polytechnic University of Milan, Italy
Francesco Matera - Fondazione Ugo Bordoni (FUR), Italy
Antonio Mazzeo - University of Naples Federico II, Italy
Miguel Merino - University of Vigo - FITCE Spain, Spain
Rakesh Nagaraj - Amrita School of Engineering, India
Sergio Palazzo - University of Catania, Italy
Vito Pascazio - University of Naples Parthenope, Italy
Antonio Pescapé - University of Naples Federico II, Italy
Anatolij Platonow - Warsaw University of Technology, Poland
Matteo Pradella - Polytechnic University of Milan, Italy
Ivo Rendina - National Research Council (CNR), Italy
Leszek Ruikowski - Czestochowa University of Technology, Poland
Aldri Santos - Federal University of Paraiba, Brazil
Roberto Saracco - EIT ICT Labs Trento Node Director - IEEE Future Directions Committee Chair, Italy
Stefano Selleri - University of Parma - IEEE Italy Section Photonics Society Chapter Chair, Italy
Sandra Sendra - Universidad Politècnica de Valencia - IEEE ComSoc Internet TC member, Portugal
Sidi Mohammed Senouci - University of Burgundy - IEEE ComSoc Information Infrastructure & Networking TC, France
Filip Simoens - FITCE Belgium, Belgium
Paolo Talone - Fondazione Ugo Bordoni (FUR), Italy
Alfredo Testa - University of Naples 2, Italy
Mauro Ugolini - University of Rome 3, Italy
Giorgio Ventre - University of Naples Federico II, Italy
Roberto Verdone - University of Bologna, Italy
Alessandro Vizzarri - University of Rome Tor Vergata, Italy
Tim Wright - FITCE UK, United Kingdom
Anastasios Zafeiropoulos - UBI TECH, Greece

GENERAL INFORMATION
Registration Desk Openings
Wednesday, November 12 15.00 - 19.00
Thursday, November 13 8.30 - 18.00
Friday, November 14 9.00 - 18.00

On site Registration Fees
Full congress AEIT Italy/FITCE/IEEE members  
Euro 550,00
Non AEIT Italy/FITCE/IEEE members  
Euro 793,00
Day only AEIT Italy/FITCE/IEEE members  
Euro 330,00
Non AEIT Italy/FITCE/IEEE members  
Euro 475,80
Students Two days  
Euro 192,50
Students One day  
Euro 115,50
first accompanying person
With member AEIT Italy/FITCE/IEEE delegate  
Euro 330,00
With non member AEIT Italy/FITCE/IEEE delegate  
Euro 475,80

Badges
Badges are required for entrance to all technical sessions. Delegates are invited to wear their badges at all times.

Congress Location
The Congress will take place at
University of Naples “Federico II”
Congress Center
Via Partenope 36 - Napoli, Italy

Coffee Breaks and Lunches
Coffee Breaks and Lunches will be served at the congress site as indicated in the programme.

Social Events
A welcome Cocktail will be offered at the Congress Center on Wednesday, November 12 at 19.30. This event is available to full congress registered delegates and registered accompanying persons.
A Gala Dinner will be held at Le Arcate - Via A. Falcone, 249, Naples on Friday, November 14, at 21.00. This event is available to full congress registered delegates and registered accompanying persons. Additional tickets can be purchased at the registration desk.

* 22% VAT included for non AEIT Italy/FITCE/IEEE members
Secretariat
Euro Med Telco Conference 2014
Anna Lisa Fontana
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Email: fitce2014@associazioneaict.it

Programme

WEDNESDAY, NOVEMBER 12
19.30 - 21.00 Welcome cocktail

THURSDAY, NOVEMBER 13
09.30 - 10.30 AULA MAGNA
Welcome Addresses
Nicola Mazzocca - DIETI Director, Italy
Wojciech Halka - FITCE President, Poland
Andrea Penza - AICT President, Italy
Ermanno Cardelli - IEEE Italy Section Chair, Italy
Alessandro Luciano - FUB President, Italy
Maurizio Mayer - EMTC 2014 General Chair, Italy
Luigi Paura - EMTC 2014 TPC Chair, Italy

10.30 - 11.00 AULA MAGNA
Key note speech: From network infrastructure to 5G fabric: The "Nervous System" for the Digital Society
Antonio Manzalini - Telecom Italia - IEEE SDN Steering Committee Chair, Italy

11.00 - 11.30 Coffee break

11.30 - 13.00 AULA MAGNA
ROUND TABLE: Digital Agenda for the Mediterranean?
Moderator: Maurizio Mayer - EMTC - FITCE Congress 2014 General Chair, Italy
PANEL:
George Bafas - FITCE Greece, Greece
Luigi Gambardella - ETNO President, Europe
Rita Forsi - ISCTI Director, Italy
Wojciech Halka - FITCE President, Poland
Kleio Kallimani - Greek Regulation Office, Greece
Vincenzo Lobianco - Networks Services Director AGCOM, Italy
Salvatore Lombardo - CEO Infratel Italia, Italy
Miguel Merino - FITCE Spain, Spain
Andrea Penza - AICT President, Italy
Luca Rea - FUB, Italy
Tom Ruhan - ECTA Chairman, Europe
Roberto Triola - Study and Research Director Confindustria Digitale, Italy

13.00 - 14.30 Lunch break

14.30 - 16.00 AULA MAGNA
Session 1: Mobile, Wireless and Satellite Networks 1
Chair: Miguel Merino - University of Vigo, Spain
S. Pergoloni, M. Biagi, S. Colonnese, R. Cusani, G. Scarano - Sapienza University of Rome, Italy
15.10 S1.2 Improving customer centricity by End-to-End Monitoring and Big Data Analytics
S. Rugel - O2 Germany, Germany

15.30 S1.3 Design of an Efficient Uplink Time Alignment Module for Long Term Evolution
F.A. Cardoso, R. Vilela, F.A. de Figueiredo, F.L. Figueiredo, J.P. Miranda - CPqD, Brazil

15.50 S1.4 Performance of a Lamp Post Wireless Backbone with Delay Tolerant Offload
R. Cavallari, R. Verdone - University of Bologna, Italy

14.30 - 16.00 ROOM A
Session 2: Smart Cities 1
Chair: Andrea Penza - AICT, Italy

14.30 S2.1 Ground Based SAR for Environmental Risk Monitoring
F. Baselice, G. Ferraioli, V. Pascacio - University of Naples Parthenope, Italy, D. Reale - CNR-IREA, Italy, G. Schirinzi - University of Naples Parthenope, Italy

14.50 S2.2 m-Payment Systems: technologies and business models
A. Vizzarri, F. Vatalaro - University of Rome Tor Vergata, Italy

15.10 S2.3 SITMar Project: an Integrated Platform for Goods Monitoring in Multimodal Transport
I. Zappia, P. Cianchi - Negentis, Italy, G. Ademari, M. Gherardelli, D. Giuliani - University of Florence, Italy, F. Paganelli - CNIT, Italy

15.30 S2.4 A distributed approach to Complex Event Processing in RFID-enabled hospitals
I. Zappia, L. Ciofi - University of Florence, Italy, F. Paganelli - CNIT, Italy, E. Iadanza, M. Gherardelli, D. Giuliani - University of Florence, Italy

16.00 - 16.30 Coffee break

16.30-18.00 AULA MAGNA
S3: Internet of Things (IoT)
Chair: George Agapiou - FITCE Greece, Greece
Invited speaker: Antonio Iera - University Mediterranea of Reggio Calabria, Italy

16.50 S3.1 Energy Minimization and Lifetime Enhancement in Cognitive Radio Sensor Networks via Relaying under Interference Constraints
A. Elnakeeb, M. Khairy, H.M. El-Sayed - Cairo University, Egypt

17.10 S3.2 Web-enabled processing of smart things resources for WoT applications
S. Turchi - CNIT and University of Florence, Italy, F. Paganelli - CNIT, Italy, D. Giuli - CNIT and University of Florence, Italy

17.30 S3.3 Optimization of tag anti-collision algorithm for EPC Gen2 RFID
G. Massei - CNIT, Italy, L. Paura - University of Naples Federico II, Italy, E. Cerciello - CNIT, Italy

17.50 S3.4 A federated architecture approach for Internet of Things security
M. Leo - RadioLabs and University of Rome Tor Vergata, Italy, F. Battisti, M. Carli, A. Neri - University of Roma TRE, Italy

18.10 S3.5 From Internet of Things to the Virtual Continuum: an architectural view
R. Minerva - Telecom Italia, Italy

16.30 - 18.00 ROOM A
S4: Mobile, Wireless and Satellite Networks 2
Chair: Francesco Vatalaro - University of Rome Tor Vergata, Italy

16.30 S4.1 Testing The Impact of Wi-Fi Interference on Zigbee Networks
M.D. Abrignani, C. Buratti - University of Bologna, Italy, L. Frost - NEC Laboratories Europe, Germany, R. Verdone - University of Bologna, Italy

16.50 S4.2 Channel Estimation MSE Analysis for Pilot Aided OFDM Systems
S. Morosi, M. Biagini - University of Florence and CNIT, Italy, F. Argenti, E. Del Re - University of Florence, Italy

17.10 S4.3 A Radio-Frequency Tool for Planning Wireless Sensor Networks
G. Di Martino, A. Iodice, D. Riccio, G. Ruello - University of Naples Federico II, Italy

17.30 S4.4 Link Quality Estimators for Multi-Hop Mesh Network
A.S. Cacciapuoti, M. Caleffi, L. Paura, A. Rahman - University of Naples Federico II, Italy
FRIDAY, NOVEMBER 14
09.30 - 11.00 AULA MAGNA
Session S5: Platforms, Applications & Services 1
Chair: L. Paura - University of Naples Federico II, Italy
Invited speaker: Kleio Kallimani - EETT - ICT applications for e-commerce and postal services
09.50 S5.1 Video news face retrieval based on Web image datasets
M. Leo - RadioLabs and University of Rome Tor Vergata, Italy, F. Battisti, M. Carli, A. Neri - University of Roma TRE, Italy
10.10 S5.2 Performance Improvement and Network TCO Reduction by Optimal Deployment of Caching
D. Roffinella, G. Ciccarella - Telecom Italia, Italy, M. Varri, F. Vatalaro - University of Rome Tor Vergata, Italy
10.30 S5.3 Network Security for Hybrid Cloud
P. Donadio - Alcatel-Lucent Italia, Italy, G.B. Fioccola, R. Canonico, G. Ventre - University of Naples Federico II, Italy
10.50 S5.4 Statistical analysis of RaptorQ failure probability applied to a data recovery software
09.30 - 11.00 ROOM A
Session S6: Mobile, Wireless and Satellite Networks 3
Chair: Willem Van Der Bijl - Capgemini - FITCE TPC Chair
09.30 S6.1 Linear and Non-linear Montecarlo Approximations of Analog Joint Source-Channel Coding under Generic Probability Distributions
F.R. Davoli - University of Genoa and CNIT, Italy, M. Mongelli - CNIT, Italy
09.50 S6.2 Fading mitigation coding techniques for space to ground free space optical communications
A. Andò, R. Pernice, L. Curcio, S. Stivala, S. Mangione, P. Gallo, M. Campanella, G. Garbo, A. Busacca - University of Palermo, Italy
10.10 S6.3 Performance Evaluation of Different Fractional Frequency Reuse Schemes for LTE
G. Gambene, V.A. Le - University of Siena, Italy
10.30 S6.4 Exploiting Multiuser Diversity and MAC information for scheduling in an OFDMA Wireless Networks
M. Basly - ENIT, Tunisia, H. Kochkar - Kyushu Institute of Technology, Japan, A. Bouallegue - National School of Engineers in Tunis, Tunisia
11.00 - 11.30 Coffee break
11.30 - 13.00 AULA MAGNA
Session S7: Networks Infrastructures 1
Chair: Alessandro Vizzari - University of Rome Tor Vergata, Italy
Invited speaker: Gianfranco Ciccarella - Telecom Italia, Italy
11.50 S7.1 The role of SDN and NFV for dynamic bandwidth allocation and QoE adaptation of video applications in home networks
G. Agapiou - Hellenic Telecommunications Organization, Greece, S. Agapiou - University of Athens, Greece, I. Papafil - Hellenic Telecommunications Organization, Greece
12.10 S7.2 A Load Balancing Algorithm against DDoS Attacks in Beyond 3G Wireless Networks
S. Zinno, G. Di Stasi, S. Avallone, G. Ventre - University of Naples Federico II, Italy
12.30 S7.3 QoS to QoE Mapping Models for Wired/Wireless Video Communication
P. Paduval, M. Carli, F. Battisti - University of Roma TRE, Italy
11.30 - 13.00 ROOM A
Session S8: Platforms, Applications & Services 2
Chair: Andy Validar - University College London, United Kingdom
11.30 S8.1 Visitors localization in cultural heritages for experience enhancement
M. Varri - University of Rome Tor Vergata, Italy, R. Giuliani - University of Rome Tor Vergata and RadioLabs, Italy, F. Mazzenza, M. Marzovillo - University of Rome Tor Vergata, Italy
11.50 S8.2 On securing IEEE 802.15.4 networks through a standard compliant framework
S. Sciancalepore, G. Piro, E. Vogli, G. Boggia, L.A. Grieco - Politecnico di Bari, Italy
12.10 S8.3 Cloud based system for measurement data management in large scale electronic production
L. Angrisani, G. Lanniello - University of Naples Federico II, Italy
13.00 - 14.30 Lunch break
14.30 - 16.00 AULA MAGNA
Session S9: Smart Cities 2
Chair: Francesco Matera - Fondazione Ugo Bordoni, Italy
Invited speaker: Dino Gual - University of Florence, Italy
14.50 S9.1 The BRIC, instrument of urban intelligence for the Brussels-Capital Region
H. Feuillien, P. Van Vooren - Brussels Regional IT Center, Belgium
15.10 S9.2 The Business Requirements and Technical Fabric for the Smart City
E.A. Smith - British Telecom, United Kingdom, M. Ugolini, A. Neri - University of Roma TRE, Italy
15.30 S9.3 VIRGO - An Innovative Virtual Registry of Underground Infrastructure on Cloud
S. Lombardo - Infratel Italia, Italy, M. Ciarno - Luisa Guida Carli and Infratel Italia, Italy, N. Casalino - University Gugliemo Marconi, Italy
14.30 - 16.00 ROOM A
Session S10: Networks Infrastructures 2
Chair: Alessandro Vizzari - University of Rome Tor Vergata, Italy
14.30 S10.1 Design and development of management functions for distributed monitoring based on SDN-based network
D. Adami - CNIT and University of Pisa, Italy, L. Donatini - University of Pisa, Italy, G. Foddis - Telecom Italia, Italy, S. Giordano - University of Pisa, Italy, S. Roma - University of Pisa and Telecom Italia, Italy, S. Topazzi - Telecom Italia Lab, Italy
14.50 S10.2 Challenges and Constraints in Mobile Network Consolidation Projects
M. Glabowski, P. Zwieryzkowski - Poznan University of Technology, Poland
15.10 S10.3 Sensing-time optimization in Cognitive Radio enabling Smart Grid
L. Paura, A.S. Cacciapuoti, M. Caleffi, F. Marino - University of Naples Federico II, Italy
15.30 S10.4 Experimental Results on the Coexistence of TV Broadcasting Service with LTE Mobile Systems in the 800 MHz Band
E. Restuccia - Istituto Superiore delle Comunicazioni e delle Tecnologie dell’Informazione - MISe, Italy, M. Celidonio, L. Pulcini, P. Pasullo - Fondazione Ugo Bordoni, Italy, G. Fusco, M. Ferrante - Istituto Superiore delle Comunicazioni e delle Tecnologie dell’Informazione, Italy
16.00 - 16.30 Coffee break
With this workshop the Greek, Italian and Spanish associations are launching a paradigm shift in the associational purposes and activities. No longer just the spread of culture in the ICT sector but also as catalysts in the formation of International Development Partnerships in the Euro Mediterranean area for the proposition and implementation of projects in the Horizon 2020 framework.

The workshop is open to all the EMTC 2014 registered delegates while other interested subjects may register through the event website or contact the Congress Secretariat.

**Programme**

**Friday, November 14**

08.30-18.00 Room B

With this workshop the Greek, Italian and Spanish associations are launching a paradigm shift in the associational purposes and activities. No longer just the spread of culture in the ICT sector but also as catalysts in the formation of International Development Partnerships in the Euro Mediterranean area for the proposition and implementation of projects in the Horizon 2020 framework.

The workshop is open to all the EMTC 2014 registered delegates while other interested subjects may register through the event website or contact the Congress Secretariat.

00.00-24.00 Gala Dinner

**Saturday, November 15**

10.00-11.30 FITCE General Assembly

11.30-13.00 Congress Conclusions

Luigi Paura - EMTC 2014 TPC Chair, Italy

Willem Van Der Bijl - EMTC 2014 TPC Co-Chair, The Netherlands

Francesco Vatalaro - EMTC 2014 TPC Co-Chair, Italy

**16.30 - 18.00 Aula Magna**

**Session 11: Networks Infrastructures 3**

Chair: Zbigniew Krawczyk - FITCE Poland

16.30 S11.1 The Future of Ultrabroadband Communications: a Roadmap to NGAN

R. Giuliano - University of Rome Tor Vergata & RadioLabs, Italy, A. Ananasso, M. Vari - University of Rome Tor Vergata, Italy

16.50 S11.2 Quality of Service Management based on Software Defined Networking Approach in wide GbE Networks

E. Tego, F. Matera - Fondazione Ugo Bordoni, Italy, V. Attanasio - Iscom, Italy, D. Del Buono - Istituto Superiore delle Comunicazioni e Tecnologie dell’Informazione, Italy

17.10 S11.3 Planning omni-present networks of the future

J. Spruytte, B. Naudts, K. Casier, J. Van Ooteghem, S. Verbrugge - Ghent University, Belgium

17.30 S11.4 Proximity Emergency Wireless Networks: the PENforCEC EU Project

R. Giuliano - University of Rome Tor Vergata and RadioLabs, Italy, F. Mazzenga, P. Loreti - University of Rome Tor Vergata, Italy, M. Vettorello, P. Sperandio - F-Connect, Italy

21.00 - 24.00 Gala Dinner
NAPLES AND POMPEI

THURSDAY, NOVEMBER 13
Tour of downtown Naples on foot
The tour consists of a long walk in the historic center of Naples for a visit to the monuments with a small digression to taste the famous "tazzulella 'e cafè" and the tasty "sfogliatella"

15.00 Departure from the Congress Center for a guided tour
• Piazza del Gesù
• Basilica of Santa Chiara, with the adjacent monastery, the largest Gothic Church in city
• Chapel of San Severo famous for the Veiled Christ
• The famous Spaccanapoli
• San Gregorio Armeno (the street of the Nativity)
18.00 Return to hotel

FRIDAY, NOVEMBER 14
Visit the archaeological site of Pompei

09.30 Departure from Piazza Vittoria
10.30 Arriving in Pompei and guided tour to the archaeological site
12.30 Departure to Sorrento
13.00 Lunch in a typical restaurant
14.00 Time available
16.00 Back to the bus to Naples and departure. Arrival at the hotel at 17.00

PARTNERS PROGRAMME

WEDNESDAY, NOVEMBER 12  (Congress Center)
15.00 - 19.00 Registration is open
19.30 - 21.00 Welcome cocktail

THURSDAY, NOVEMBER 13  (Aula Magna)
09.30 - 10.30 Welcome Addresses
10.30 - 11.00
Key note speech: From network infrastructure to 5G fabric: The “Nervous System” for the Digital Society
11.00 - 11.30 COFFEE BREAK
11.30 - 13.00 Round Table: “Digital Agenda for the Mediterranean?”
13.00 - 14.30 LUNCH
14.30 - 18.00 Tour of downtown Naples on foot

FRIDAY, NOVEMBER 14
09.30 - 18.00 Tour to Pompei and Sorrento
21.00 - 24.00 GALA DINNER

SATURDAY, NOVEMBER 15
10.00 - 11.30 FITCE General Assembly
11.30 - 13.00 Congress Conclusions