PROGRAMME

9:00 REGISTRATION

9:30 OPENING SESSION

José Perdigoto, Vice-Chair of the Board of Directors, ANACOM

09:45 5G MOBILE NETWORKS; A REVOLUTIONARY EVOLUTION TOWARDS THE WIRELESS INTERNET OF THINGS

GUEST SPEAKER: Narcis Cardona, Institute of Telecommunications and Multimedia Applications (iTEAM), Universitat Politecnica de Valencia

10:15 BEST STUDENT PAPER AWARD

MODERATOR: António Topa, Instituto de Telecomunicações/Instituto Superior Técnico

- GEO-POSITIONING FOR UMTS NETWORKS, USING FINGERPRINTING TECHNIQUES AND RADIO CHANNEL MODELS
  Alexandra Isabel Galvão Mourato, Instituto Superior de Engenharia de Lisboa
- CHANNEL UTILIZATION ANALYSIS BASED ON EM ALGORITHM FOR 5G SPECTRUM MANAGEMENT
  Daniel Filipe Simões Malafaia, Universidade de Aveiro
- PLANNING WIRELESS MESH NETWORKS FOR IOT SMART GRID APPLICATIONS
  Hugo Miguel Nisa Café, Instituto Superior Técnico

11:00 COFFEE-BREAK

11:30 THE INTERNET OF EVERYTHING AND 5G

MODERATOR: Nuno Borges Carvalho, Portuguese Committee of URSI

- THE INTEGRATION OF THE IOT IN 5G FUTURE?
  Enrique Zorzano, Narrownet
- TRANSPORT AND MOBILITY IN THE DIGITAL AGE
  Jorge Lopes, Brisa
- THE IMPORTANCE OF THE NEW TECHNOLOGIES OF THE IOT IN THE AGRICULTURAL SECTOR. PROGRESS, CHALLENGES AND OPPORTUNITIES
  Francisco Manso, Compta
- ENERGY INFORMATION NETWORK – THE SMART GRIDS CHALLENGE
  Sérgio Pinto, EDP Distribuição
- CONNECTED VEHICLES TO SMART CITIES
  Susana Sargento, Universidade de Aveiro
- INTELLIGENT SOLUTIONS FOR TODAY´S CITIES
  Luis Caturna, Citibrain
- INTERNET OF THINGS AND THE HEALTHCARE CONTINUUM
  Tiago Alves, KNOK Healthcare

13:00 LUNCH

14:30 THE ONGOING DIGITAL TRANSFORMATION THAT IS PROFOUNDLY CHANGING OUR LIVES AND BUSINESSES

GUEST SPEAKER: João Couto, Microsoft

14:50 TECHNOLOGIES, PERSONAL COMMUNICATIONS AND ADVANCED SYSTEMS

MODERATOR: Carlos Salema, Instituto de Telecomunicações

- FROM THE INTERNET OF DATA TO THE INTERNET OF THINGS: THE ROLE OF SPECTRUM
  Jaime Afonso, ANACOM

- HOW TO GET TO 5G
  Rui Aguiar, Universidade de Aveiro/Instituto de Telecomunicações

- WHY 5G? THE PERSPECTIVE OF A CONVERGENT OPERATOR
  Paulo Ribeiro, NOS

- RADIO CHALLENGES TOWARDS 5G
  Pedro Lourenço, Vodafone

- CONVERGENCE AND CONSUMER SATISFACTION IN A MOBILITY ENVIRONMENT
  Carlos Pardelinha, PT

16:00 COFFEE-BREAK

16:30 AWARD SESSION

Hélder Vasconcelos, Board Member, ANACOM

- Best Student Poster Award 2015
- Best Student Paper Award 2015
- ANACOM-URSI Portugal Award 2015
- Presentation of the winning project of ANACOM-URSI Portugal Award 2015

  Diffractionless Propagation of Electron Waves in Graphene Superlattices
  David Emanuel Dias Fernandes, Universidade de Coimbra/Instituto de
  Telecomunicações

17:00 CLOSING SESSION

Luísa Mendes, Chair of the Portuguese Committee of URSI