

PROGRAMME

9:00 REGISTRATION

9:30 OPENING SESSION | AUDITORIUM

João Cadete de Matos, Chairman of the Board of Directors, ANACOM

GUEST SPEAKER: Arlindo Oliveira, Chair IST

10:15 ARTIFICIAL INTELLIGENCE IN THE SOCIETY OF THE FUTURE | AUDITORIUM

MODERATOR : Paula Meira Lourenço, Member of the Board of Directors, ANACOM

SPEAKERS :

- **DIGITAL INTELLIGENCE AND HEALTH**

Henrique Martins, Shared Services, Ministry of Health

- **RADIO CITY**

Miguel Castro Neto, Universidade Nova

11:00 COFFEE -BREAK AND POSTER DISPLAY

11:30 RESEARCH IN THE CONTEXT OF ARTIFICIAL INTELLIGENCE

MODERATOR : Sandro Mendonça, Member of the Board of Directors, ANACOM

SPEAKERS :

- **COOPERATION BETWEEN NETWORKS AND ARTIFICIAL INTELLIGENCE**

Susana Sargento, Universidade de Aveiro

- **USING AI FOR ADAPTIVE WIRELESS SYSTEMS**

Ana Aguiar, Universidade do Porto

- **AI AND MACHINE LEARNING IN MEDICAL IMAGE ANALYSIS**

Mário Figueiredo, Instituto Superior Técnico / IT

12:30 ARTIFICIAL INTELLIGENCE AND SPECTRUM MANAGEMENT

SPEAKERS :

- **COGNITIVE INTELLIGENCE IN SPECTRUM MANAGEMENT: FROM THEORY TO PRACTICE**
Jaime Afonso, ANACOM
- **AI ALGORITHMS IN THE CONTEXT OF SPECTRUM SHARING**
GUEST SPEAKER : Heikki Kokkinen, Fairspectrum

13:00 LUNCH

14:30 SCIENTIFIC SESSION (BEST STUDENT PAPER AWARD) - PART 1

MODERATOR S:

- António Topa, IT
- Pedro Cruz, Controlar
- Sérgio Matos, ISCTE

SPEAKERS :

- **ASSESSMENT OF A MULTIREFLECTOMETERS POSITIONING SYSTEM FOR DEMO PLASMAS**
Emanuel Alves Ricardo, Instituto Superior Técnico
- **NEURAL NETWORKS FOR PLASMA TOMOGRAPHY IN NUCLEAR FUSION REACTORS**
Diogo Godinho Soares de Carvalho, Instituto Superior Técnico
- **CLASSIFICATION OF MICROWAVE IMAGING SIGNALS TO ASSIST BREAST CANCER DIAGNOSIS**
Daniela Marques Godinho, Faculty of Sciences, Universidade de Lisboa.
- **SIMULATION OF MIMO CHANNEL FOR 5G IN MILLIMETRE WAVES**
Filipa Fernandes, Instituto Superior Técnico
- **TRAPPING LIGHT IN OPEN NANOCAVITIES WITH SPATIAL DISPERSION**
Solange Silva, Universidade de Coimbra

15:45 COFFEE -BREAK AND POSTER DISPLAY

16: 15 SCIENTIFIC SESSION (BEST STUDENT PAPER AWARD) - PART 2

MODERATORS:

- António Topa, IT
- Pedro Cruz, Controlar
- Sérgio Matos, ISCTE

SPEAKERS :

- **A NEW ANTENNA FOR DVB-T**
Pedro Mostardinha, Universidade de Aveiro
- **A DRONE DESIGN ANALYSIS BASED ON THE LOW COST MARKET SEGMENT**
João Pedro Fialho Morais, Instituto Superior Técnico
- **DEVELOPMENT OF A COVERAGE VISUALIZATION PLATFORM FOR 5TH GENERATION MOBILE NETWORKS**
Eduardo Jorge Pedroso, Instituto Superior Técnico
- **A REGRESSIVE CAPACITY MODEL FOR 4G MOBILE NETWORKS USING REAL PERFORMANCE DATA**
Diogo Santos Ribeiro Parracho, Instituto Superior de Engenharia, Lisbon
- **ADAPTATION SURFACE BASED ON META-MATERIALS FOR MICROWAVE IMAGING**
Ana Luísa Jorge Anes, Faculty of Engineering, Universidade do Porto

17:30 AWARDS CEREMONY AND CLOSURE OF PROCEEDINGS

- **AWARD OF THE BEST STUDENT PAPER AWARD 2018**
João Miguel Coelho, Member of the Board of Directors, ANACOM
- **CLOSURE OF PROCEEDINGS**
Luísa Mendes, President of the Portuguese Committee of URSI