AM RADIO MIGRATION AND THE REVISION OF THE TECHNICAL REGULATION

Chair: Eduardo Cappia, EMC/SET Director

AM radio migration resulting in 300 new broadcasters in the extended range (76 to 88 MHz). New technical regulation applied. Universe of extended range receivers, equipment and FM modulation requirements.

- **PLANNING OF THE FM CHANNEL EXTENDED - MIGRATION BALANCE**
  
  **Speaker:** Andre Ulhoa Cintra - Radio Diretor - ABERT
  
  FM EXTENDED (76 to 88 MHz). Planning of the 12 MHz added to the FM band, criteria of interference and protection with the conventional channeling. Modifications suggested in the adoption in Metropolitan Regions. Technical Regulation and Migration Balance.

- **RECEIVERS EXTENDED RANGE, FROM EMBEDDED TO SMARTPHONES**
  
  **Speaker:** Caue Franzon - Project Manager - RBSTV and Radios
  
  Minimal characteristics of the receivers and Technical Standards for the industry to produce and increase the number of devices, enabling the operation of new stations after 2019.

- **ENERGY EFFICIENCY FM TRANSMITTERS - EFM CERTIFICATION - FM MODULATION PARAMETERS**
  
  **Speaker:** José Mauro de Ávila - Technical Director - MEGASISTEMA - AESP/SET
  
  The details of FM Modulation, its various parameters, will be displayed. The insertion RDS, PILOTO, MPX, their limits and the effects on the final result of the product "FM audio and its mass". Certification of eFM transmitters. Energy efficiency considerations in FM transmission.
Eduardo Cappia, EMC/SET Diretor


Andre Ulhoa Cintra – Radio Director – ABERT

Communications Engineer - Consultant specialized in the planning of broadcasting channels. Director of Radio Abert and currently working on the FM Channel, by ABERT to accommodate the migrant channels. Developed by SET work to accommodate the TV channeling in the process of planning the TV Digital TV channeling.

Caue Franzon - Project Manager – RBSTV e Rádios


José Mauro de Ávila - Technical Director - MEGASISTEMA - AESP/SET