



European Association on Antennas and Propagation

**University of Luxembourg**

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Reliability and Trust (SnT)

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**Research Topics:**

Signal Processing and Communication Techniques for Satellite Systems

- Multicarrier Predistortion
- Interference Management
- Cognitive Techniques and Spectrum Management
- Cooperative Multibeam Processing and resource allocation
- Gateway diversity in optical and RF bands
- MIMO Precoding and Equalization

ETSI, DVB Standardization

Wireless Communications

Interference Alignment

Spectrum Sensing

Multuser/Multicell/Massive MIMO

Multicasting

Physical Layer Security