

National Technical University of Athens (NTUA)  
School of Electrical and Computer Engineering  
Mobile Radio Communications Laboratory  
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**Research Topics:**

Propagation and channel models for:

- mobile satellite communication networks
- millimeter wave satellite communications
- LEO, MEO, HEO, GEO communication systems

Tropospheric Propagation (Rain attenuation, Cloud Attenuation, Scintillation)

- Satellite Multi-antenna systems (MIMO) operating at various frequencies

Dynamic Channel Model Synthesizers (CPA, XPD, Interference)

Propagation Measurements

Meteorological factors affecting radiowave propagation

**Comments:** Regular Contributions to ITU-R Study Group 3 Radiowave Propagation



European Association on Antennas and Propagation

National Technical University of Athens  
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**Research Topics:**

Propagation and channel models for:

- fixed and mobile satellite communication systems
- millimeter wave satellite communication

Electromagnetic Scattering (Raindrops)



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National Technical University of Athens  
School of Electrical and Computer Engineering  
Wireless and Long Distance Communications Laboratory



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**Research Topics:**

Propagation and channel models for:

- fixed and mobile satellite communication systems
- millimeter wave satellite communications
- tropospheric propagation modeling

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**Research Topics:**

Channel characterization and modeling for:

- Land Mobile Satellite Systems
- Stratospheric Systems (HAPs)
- MIMO over satellite



European Association on Antennas and Propagation

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**Research Topics:**

Channel characterization for satellite communications

Channel modeling for satellite communications

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**Research Topics:**

Propagation and channel models for:

- MIMO Satellite Links
- High Altitude Platforms Links
- Wireless Optical Communications
- Single-User & Multi-User Satellite Communications



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**Research Topics:**

Propagation and channel models for:

- fixed and mobile satellite communication systems
- millimeter wave satellite communications
- tropospheric propagation - rain attenuation modeling



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Propagation and channel models for:

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- millimeter wave satellite communications
- tropospheric propagation - rain attenuation modeling





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**Research Topics:**

Propagation and channel models for:

- fixed and mobile satellite communication systems
- millimeter wave satellite communications
- tropospheric propagation - rain attenuation modeling