



**National Communications Research Institute
(INSCC)**



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Research Topics:

Cellular communication

Wireless access

Propagation and channel models for

- indoor propagation

- channel simulation

- FSO topics

-fiber optics technologies

- outdoor propagation

- noise mitigate solutions

Comments :

Studies and research on broadband wireless access

Studies on cognitive and on cooperative radio

Studies on fiber optic access solutions

Studies and research on broadband wired access

Channel coding techniques



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Research Topics:

Propagation, antennas and radio channel models for:

- * cellular networks
- * sensor networks
- * MIMO Technologies
- * GNSS
- * broadcasting networks

Comments :

Military Technical Academy
Research Center "Security Systems, Sensors
and Communications Networks used in
national defence and security"
39-49 George Cosbuc, 050141, Bucharest,
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Web page:

<http://www.mta.ro/en/research/laboratories.html>

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Research Topics:

Antennas

- UWB antennas

- beamforming

Propagation and radio channel models

- mobile communications (indoor, outdoor)

Microwave imaging systems

Radar cross section

Ground penetrating radar

Comments :



European Association on Antennas and Propagation

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Faculty of Electronics, Telecommunications,
and Information Technology
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Research topics:

- mobile channel modeling
- cellular networks
- vehicle-to-vehicle communications
- vehicle-to-infrastructure communications

Comments:



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Research Topics:

Propagation and channel modelling for:

- cellular and wireless networks (indoor and outdoor)
- satellite communications
- fixed terrestrial microwave links
- wireless sensors systems
- HF radio networks

Comments :

Studies and researches on MIMO techniques

Studies on cognitive radio systems and adaptive mechanisms to improve the transmission efficiency