European Association on Antennas and Propagation

Gdańsk University of Technology
Faculty of Electronics, Telecommunications and Informatics
Department of Radio Communication Systems and Networks
Gdańsk Laboratory of Radionavigation and Radiolocation Systems

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Research Topics:
The effectiveness of location services in the cellular networks
Analysis and measurements of the efficiency of TOA, TDOA, AOA and RSS methods in indoor and outdoor applications
Design, analysis and measurements of asynchronous radionavigation systems and navigation based on signals of opportunity

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Research Topics:

Mobile and fixed field-strength measurements
Mobile and fixed spectrum monitoring
Propagation models for outdoor environments
Radio wave propagation for aerospace systems
Radio wave propagation for maritime systems
Impulse response of radio channels up to 26 GHz
Multipath propagation and radio wave polarization
Radio wave propagation for Body Area Networks
Radio wave propagation for wireless systems

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Military University of Technology
Faculty of Electronics
Institute of Telecommunications
Research Group of Analysis, Modeling and
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Gen. Sylwestra Kaliskiego Street No. 2
00-908 Warsaw, Poland

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Research Topics:

Positioning, location, navigation and identification of the radio emission sources

Design, analysis and measurements of asynchronous radionavigation, localization and positioning systems based on the Doppler effect and spectrum analysis
Analysis and measurements of the efficiency of location methods based on the Doppler effect in outdoor applications

Design, analysis and measurements of systems to
simultaneously location and identification of the objects (emission sources)