



European Association on Antennas and Propagation

**European Space Agency ESA/ESTEC**

Wave Interaction and Propagation Section,  
Electromagnetics and Space Environment Division



Keplerlaan 1, Noordwijk ZN, The Netherlands

**Web page:**

[www.esa.int/Our\\_Activities/Space\\_Engineering/Electromagnetics\\_and\\_Space\\_Environment](http://www.esa.int/Our_Activities/Space_Engineering/Electromagnetics_and_Space_Environment)

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**Research Topics:**

Satellite propagation modelling and measurement campaigns

Propagation effects on Fixed Satellite Communications

Propagation effects on Mobile Satellite Communications

Propagation effects on Satellite Navigation Systems

Tropospheric propagation

Trans-ionospheric propagation

Standardisation activities in ITU-R Study Group 3



European Association on Antennas and Propagation

**University of Twente**

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**Web page:**

<https://www.utwente.nl/en/eemcs>

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**Research Topics:**

Ionospheric propagation (HF)

Radio noise (HF)

Associated antennas and measurements systems



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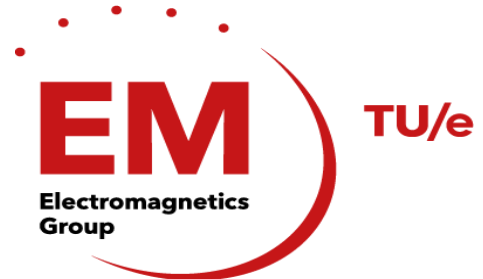
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**Web page:**

<https://www.tue.nl/en/research/research-groups/electromagnetics>

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**Research Topics:**

Space-based Radio Astronomy

Space Situational Awareness

Antenna design for Radio Astronomy