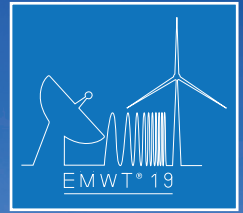


International Specialist Meeting about

ELECTROMAGNETIC WAVES and WIND TURBINES 2019

December 5-6, 2019

<https://emwt2019.sciencesconf.org/>



DESCRIPTION

In the context of the search for sustainability, states and private operators highly develop renewable energies. Wind turbines are one of the most popular ones.

The coexistence of wind turbines with systems using radiowaves is a major concern. Because of their size, complex composition and fast rotating blades, the impact of wind turbines on radiowaves is difficult to predict.

To mitigate the wind turbine impacts on radar signatures, to differentiate the Doppler signature of a UAV from the one of a wind turbine, to anticipate the effects of a wind farm on a radiowave-based system are among the many problems that must be addressed.

The EMWT® specialist meeting, held this year 2019 in Toulouse, is the opportunity to gather experts and researchers in this area of expertise for fruitful discussions and sharing ideas.



CALL FOR PAPERS

A short abstract for presentations to be included into the program (about 200 words) should be sent through the website of the conference before October 20th, 2019. Authors will be notified about acceptance by October 30, 2019.

REGISTRATION

You can register for EMWT®19 via the EMWT®19 website before November 14th, 2019 (<https://emwt2019.sciencesconf.org/>)

CONFERENCE FEE

A conference fee for the participation (includes refreshments, lunches, and conference dinner in a famous restaurant of Toulouse) has to be paid via website.

CONFERENCE ORGANIZATION

All presentations will be given in English

COVERED TOPICS

- Electromagnetic wave propagation
- Passive and active radars
- Doppler signature
- VOR
- Weather radar
- Wind profiler
- Measurements and numerical simulations of the interference with RF services

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