

**Dr. Yuliya Averyanova** is with National Aviation University, Kiev, Ukraine since 2000 .

Since 2005 she is Asocciated Professor of Air Navigation Systems Department. She has got PhD in 2005 in Navigation and Air Traffic Management.

**Ph.D. Thesis:** Doppler-polarimetric wind characteristics estimation for safe navigation of aircrafts.

Her recerch activity is related with Aviation meteorology, Radar, Remote Sensing of Atmosphere, Radar polarimetry, Doppler polarimetry, Detection and recognition of dangerous atmospheric phenomena.

She was involved into Research Project connected with theoretical and experimental justification for application of polarization properties of sounding and reflected signals for enhancing the functionality of meteorological radar and improving detection of dangerous meteorological phenomena (2012 – 2013).

She is IEEE Senior member of AES and GRS societies.

She is Co-organizer of International Conferences: Microwaves, Radar and Remote Sensing Symposium (MRRS 2005, MRRS2008, MRRS2011, MRRS 2014) and Radar Methods and Systems Workshop (RMSW 2011, RMSW 2012) .

She served as TPC member of International Conferernces: Microwaves, Radar and Remote Sensing Symposium MRRS (in 2008, 2011, 2014); International Conference on Mathematical Methods in Electromagnetic Theory MMET (in 2014 and 2016); Signal Processing Symposium SPS (in 2013, 2015), International Radar Symposium IRS 2016.