



## Commissions GF - "Radio Studies on Polar Aeronomy"

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At high and low latitudes, the ionosphere can be particularly perturbed and this can be exacerbated around solar activity maxima (but not only). Ionosphere can in turn significantly affect L band (and lower frequency) remote sensing radar systems for Earth science dedicated to observations of surface deformation, cryosphere dynamics, etc. **To pose a solid bridge between the ionosphere and remote sensing communities, this session solicits contributions to facilitate exchange of information on their respective states of the art as well as on their future needs.** Contributions are welcome on ionosphere and lower troposphere research at high latitudes from GNSS and satellites in situ data dealing with ionospheric irregularities, scintillation, total electron content (TEC) gradients, as well as water vapor measurements. Papers dealing with the assessment and mitigation of "atmosphere" impacts on different applications such as positioning, space weather and remote sensing are highly encouraged. Papers focusing on data processing to support models development are also welcome, as are those based on a multi- instrument approach. Finally, **contributions highlighting differences and similarities at high and low latitudes are also appreciated.**

Deadline for papers submission: 30 January 2017

Deadline for early bird rate: 12 May 2017 [http://www.ursi2017.org/side\\_registration/registration\\_e.shtml](http://www.ursi2017.org/side_registration/registration_e.shtml)

Info on papers submission, deadlines and **AWARD/COMPETITION GUIDELINES FOR YOUNG SCIENTISTS AND STUDENTS!**

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