

**Research Articles**

- 106** *Ajil Kottayil, K. Mohanakumar, Titu Samson, Rejoy Rebello, M. G. Manoj, Rakesh Varadarajan, K. R. Santosh, P. Mohanan, and K. Vasudevan*  
Validation of 205 MHz wind profiler radar located at Cochin, India, using radiosonde wind measurements (doi 10.1002/2015RS005836)
- 118** *Joshua Semeter, Michael Hirsch, Frank Lind, Anthea Coster, Philip Erickson, and Victor Pankratius*  
GNSS-ISR data fusion: General framework with application to the high-latitude ionosphere (doi 10.1002/2015RS005794)
- 130** *Wen Yi, Xianghui Xue, Jinsong Chen, Xiankang Dou, Tingdi Chen, and Na Li*  
Estimation of mesopause temperatures at low latitudes using the Kunming meteor radar (doi 10.1002/2015RS005722)
- 142** *Kevin S. Paulson*  
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- 150** *Flávio Jorge, Carlo Riva, and Armando Rocha*  
Characterization of interfade duration for satellite communication systems design and optimization in a temperate climate (doi 10.1002/2015RS005865)
- 160** *P. Bolli, G. Pupillo, G. Virone, M. Z. Farooqui, A. Lingua, A. Mattana, J. Monari, M. Murgia, G. Naldi, F. Paonessa, F. Perini, S. Pluchino, S. Rusticelli, M. Schiaffino, F. Schillirò, G. Tartarini, and A. Tibaldi*  
From MAD to SAD: The Italian experience for the low-frequency aperture array of SKA1-LOW (doi 10.1002/2015RS005922)
- 176** *Sergey V. Fridman, L. J. Nickisch, Mark Hausman, and George Zunich*  
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- 184** *L. J. Nickisch, Sergey Fridman, Mark Hausman, Shawn Kraut, and George Zunich*  
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- 194** *M. Stockham, J. Macy, and D. Besson*  
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- 223** *Yvon Erhel, Dominique Lemur, Martial Oger, and Jérôme Le Masson*  
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- 231** *A. Ghaffar and Majeed A. S. Alkanhal*  
Power flux distribution in chiroplasma-filled perfect electromagnetic conductor circular waveguides (doi 10.1002/2015RS005736)