

20th December 2018, 14:00 s.t.

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Climatologies and long-term changes of mesospheric wind measurements based on radar observations

The talk will be a summary based on 2 published and one in preparation paper and it will give the audience an overview of wind estimation of atmospheric winds in heights between 80 and 100 km. To receive winds in these heights, we use meteor trails from shooting stars, which are measured by radars from several locations. Further, I will show long-term changes in the winds from nearly 15 years of measurements and discuss of these changes using as example atmospheric density fluctuations and their connection to the wind. Feel free to join.

Talk: English
Slides: English

Location: Institute of Physics, Albert-Einstein-Str. 23, SR Didaktik