

## **Statement of candidacy to the position of the at-large member of the IDS Governing Board**

**Sergei Rudenko, Dr.**

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I have more than 30 year experience in space geodesy research, in particular in the field of precise orbit determination (POD) of Earth-orbiting satellites, geodetic reference frame determination, analysis of Satellite Laser Ranging (SLR), DORIS and other geodetic observations. I have been involved in the analysis of DORIS observations for POD of altimetry satellites since more than 20 years during my research at GFZ German Research Centre for Geosciences, Technical University Berlin, and, more recently, at Technical University of Munich, by contributing to the work of DORIS Analysis Working Group of the International DORIS Service (IDS, since 2011) and being responsible for the work of IDS Associate Analysis Centers at GFZ (in 2015-2016) and DGFI-TUM (since 2019). Since 1995, I am an Associate of the International Laser Ranging Service (ILRS).

Taking into account my long-term experience in the analysis of DORIS, but also other space geodetic data, I think, I can contribute to the IDS Governing Board, among others, with the following activities:

- support of and involvement in the activities on the evaluation of various models for the analysis of DORIS and SLR observations, in particular, for POD of Earth-orbiting satellites, including DORIS ones,
- support on the documentation of the procedures and models for the analysis of DORIS data,
- support of cooperation of research groups involved in the analysis of DORIS and SLR data,
- support of research activities on *the co-location of space geodetic techniques satellite* Genesis, where experience in other geodetic space techniques is required.

Sergei Rudenko

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