

## **EVGENY MAREEV**

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E.A. Mareev is an expert in the fields of atmosphere physics, atmospheric electricity, generation and propagation of waves in the ionospheric and magnetospheric plasma.

The fundamental works on the theory of the global atmospheric electrical circuit, lightning, detection and study of aero electric structures in the atmosphere, the electrodynamics of fog, the turbulent electric dynamo, the initiation of discharges in thunderclouds and in the middle atmosphere by E.A. and his colleagues have been published in more than 250 scientific papers, including two monographs. Under the leadership of E.A. Mareev at the Institute of Applied Physics of the Russian Academy of Sciences, the geophysical research division was created, where a wide range of problems in the physics of the atmosphere and ocean is studied experimentally and theoretically. E.A. Mareev also teaches as a professor at the Nizhny Novgorod State University.