



ХІХ НАУЧНАЯ ШКОЛА
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Earth's electromagnetic environment: formation, variability, impact on the biosphere

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The Earth's electromagnetic environment is made up of natural and man-made signals. In my talk I will focus primarily on the direct and alternating current (DC and AC) electromagnetic environment in the extremely low frequencies (ELF) range that are modulated primarily by lightning and thunderstorm activity around the globe. Monitoring these fields can supply us important information about our electrical environment, and its variability. In recent years we are also understanding the link between this electromagnetic environment and biological systems.