

CoChairman

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The Conference is held biennially under the oversight of the International Coordination-group for Laser Atmospheric Studies, of the International Radiation Commission, International Association of Meteorology and Atmospheric Physics. The 2010 conference will be hosted by IAO SB RAS.

For the 25th ILRC, we will encourage presentations on traditional remote sensing themes, but will also increase emphasis on several topics, including the role of laser remote sensing in areas associated with climate change, potential application of new advances in optical device technology, and laser remote sensing of the ocean and earth surface properties.

Deadlines

Paper Submission – Feb 15, 2010 Early Registration – May 1, 2010 Hotel Registration – May, 2010

http://ilrc25.iao.ru

Conference Topics

- Advances in lidar techniques and new methodologies
- Atmospheric winds and turbulence
- Atmospheric boundary layer structure and dynamics
- Trace gas sensing for climate and air quality research
- Atmospheric water vapor and moisture transport
- Cloud microphysics and radiative properties
- Tropospheric and lower stratospheric dynamics and transport
- Aerosol direct and indirect effects on climate
- Aerosol and species characterization, plume detection and tracking
- Middle atmosphere physics and chemistry
- Solid earth, ocean and land surface applications
- Space-based missions, validation and global monitoring
- Combining lidar measurements and analysis with other techniques
- Assimilation of observations into forecast models
- Applications of lidar to weather and climate research
- Lidar networks

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