International Conference on
Optoelectronic Technology and Application
国际光电技术与应用系列创新研讨会
EI核心收录

2014
13-15 Ma
Beijing Chin

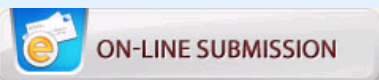Home | General Information | Committee | Submission | Invited Talks | Schedule | Registration | Venue | Hotel | Travel | Contact U

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Conf. 7: Optical Remote Sensing Technology and Applications

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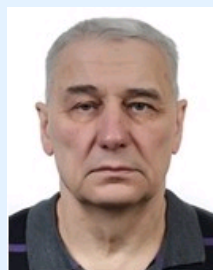
Anatoli G. Borovoi(V.E. Zuev Institute of Atmospheric Optics， Russia)
Anatoli G. Borovoi graduated from the Tomsk State University in 1963. He gained his PhD (1967) and Doctor of Sciences (1983) degrees from the same university. His scientific interests include theories of single and multiple scattering of waves in particulate media, wave propagation in random media, speckles and remote sensing. Working at the Institute of Atmospheric Optics (Tomsk) from 1969 until now, he has headed theoretical and experimental works concerning the propagation of laser beams through the turbulent atmosphere with precipitations, speckle-optics, and the development of methods for optical diagnostics of scattering media. He has published more than one hundred papers. His recent papers are devoted to light scattering by ice crystals of cirrus clouds.

Dong Liu(Anhui Institute of Optics and Fine Mechanics, CAS)
Prof. Dong Liu obtained the doctor degrees of science from Anhui Institute of Optics and Fine Mechanics, Chinese Academy of Sciences in 2005.From Sep. 2006 to Aug. 2009, he worked at Atmosphere Science Department, University of Wyoming, USA as postdoctoral researcher. Since Sep. 2009, he worked back in AIOFM and was promoted to the associate professor. Now he is the director of lidar division in center for atmospheric optics, AIOFM, CAS.His research area includes lidar technology and laser remote sensing of the atmosphere. As a Principal Investigator, he has

developed polarization lidar, multi-wavelength Raman lidar and airborne dual wavelength polarization lidar. These lidar systems have been successfully used to observe the aerosol and cloud verticalstructure and optical properties. His research area also includes spacebornelidar data analysis and application. He depicted the first 3D global dust aerosol distribution based on the CALIOP lidardepolarization data. His projects supported by NSFC, 973, 863 and other funding from Chinese Academy of Sciences. His group also actively joints many international cooperative project, such as AD-Net, SKYNET, ACE-Asia and ADEC etc.

Scopes﹒

★ Status and Trend of Optical Remote Sensing Technology

★ Optical Remote Sensing Systems Integration and Application

★ Visible, Infrared and Laser Radar Remote Sensing Technology

★ High-resolution Digital Photography

★ Remote Sensing Data Processing and Application

★ Data Fusion and Data Mining

★ Geographic Monitoring (Agriculture, Forestry, Geology, Mineral, Land, Environment, Water Resources and so on)

★ Remote Sensing, Geographic Information Systems and Navigation Systems(3S) , etc

Invited Talks

★ Anatoli G. Borovoi (V.E. Zuev Institute of Atmospheric Optics， Russia)

★ Zhengqiang Li(Institute of Remote Sensing and Digital Earth (RADI)，Chinese Academy of Sciences, China) —— Aerosol Remote Sensing and Satellite Monitoring of Haze Pollution

★ Huangliang Xu (Jilin University, China) —— Femtosecond Laser Filamentation for atmospheric sensing

★ Jianguo Liu (Anhui Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, China) ——Optical remote sensing for enviremental studies

★ Jinji Ma (Anhui Normal University, China) —— Study on atmospheric correction for polarized image of optical remote sensing

★ Faquan Li(Wuhan institute of mathematical and physics, China)——Atmospheric detection lidar technology

★ Xuejin Sun(PLA University of Science and Technology, China)