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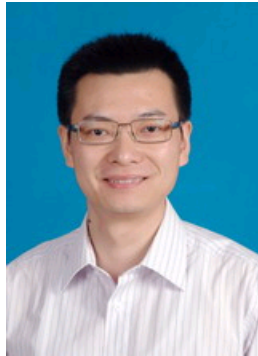
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Dr. Dong Liu, male, was born in Anhui Province in 1977. He graduated from Anhui Normal University and obtained bachelor degree of science in 1998. In 2001 and 2005, he obtained master and doctor degrees from Anhui Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, respectively. From Nov. 2006 to Aug. 2009, he worked at Atmosphere Science Department, University of Wyoming, USA as postdoctoral researcher. Since Sep. 2009, he worked in AIOFM and was promoted to 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 lidar. These lidar systems have been successfully used to long-term observations of aerosol extinction, depolarization ratio of Asian dust, aerosol microphysics retrievals and airborne filed campaign. His research area also includes space borne lidar data analysis and application. He depicted the first 3D global dust aerosol distribution based on the depolarization CALIOP lidar 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.

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导师简介

刘东, 男, 1977年生于安徽滁州, 副研究员, 硕士生导师。1998年毕业于安徽师范大学物理系应用电子学专业。分别于2001和2005年在合肥物质科学研究院安徽光学机械研究所获得硕士和博士学位。2006年11月至2009年8月间在美国怀俄明大学大气科学系做博士后。2009年9月回所工作至今, 现任大气光学研究中心激光雷达探测技术研究室主任。主要研究领域是激光雷达技术和激光大气遥感探测。先后主持研制偏振激光雷达、多波长拉曼激光雷达和机载双波长激光雷达, 开展大气气溶胶光学与辐射特性、沙尘溶胶和卷云退偏振观测、气溶胶微物理参数反演和机载激光雷达大气探测等研究。他还利用CALIOP星载激光雷达数据反演了全球沙尘气溶胶三维分布特征。负责承担国家自然科学基金课题, 973子课题, 863子课题, 科学院先导性专项和民用航天预研等课题。主持的研究课题是国际合作研究项目AD-Net, SKYNET, ACE-Asia和ADEC的主要成员单位。

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