



DATE	TIME (US EDT)	TOPIC	SPEAKER	AFFILIATION
7/9	21:00-22:10	BRDF—Reflectance Definitions, Model Algorithms, and Remote Sensing Products	<i>Ziti Jiao</i>	Beijing Normal University
	22:20-23:30	Remote Sensing Study of Vegetation Clumping Index	<i>Fang Hongliang</i>	Institute of Geographic Sciences and Natural Resources Research, CAS
7/10	2:00-3:10	Principle and application of chlorophyll fluorescence remote sensing	<i>Liang Yun Liu</i>	Institute of Aerospace Information Innovation, CAS
	3:20-4:30	Integrating radar and optical data for monitoring urban development	<i>Hongsheng Zhang</i>	The University of Hong Kong
	8:00-9:15	Aerosol Characterization with Multiwavelength Raman Lidar: Methods and Examples	<i>Detlef Mueller</i>	Wuhan University
	9:20-10:35	Advanced Deep Learning Frameworks for Remote Sensing: Gaps and Opportunities	<i>Yiqun Xie</i>	University of Maryland
	21:00-22:10	Vegetation index measures, theory, applications and controversies	<i>Alfredo Huete</i>	University of Technology Sydney, Australia
	22:20-23:30	Assimilation of remote sensing data	<i>Xin Li</i>	Institute of Tibetan Plateau Research, CAS
7/11	2:00-3:10	Research progress on quantitative remote sensing and data assimilation of agricultural conditions	<i>Kenneth Wong</i>	China Agricultural University
	3:20-4:30	Multi-scale measurement of vegetation coverage and remote sensing inversion	<i>Yan Guangjian</i>	Beijing Normal University
	8:00-9:15	Remote sensing time series data processing and applications	<i>Xiaolin Zhu</i>	The Hong Kong Polytechnic University
	9:20-10:35	Introduction to Satellite Laser Altimetry of the Cryosphere	<i>Sinead Farrell</i>	University of Maryland
	10:20-11:30	Remote sensing estimation of irrigation water and its application in typical areas of China and the United States	<i>Long Di</i>	Tsinghua University
7/12	2:00-3:10	Atmospheric Correction of Optical Remote Sensing Data	<i>Yong Xue</i>	China University of Mining and Technology
	3:20-4:30	A method for estimating vegetation productivity based on remote sensing data	<i>Wenping Yuan</i>	Peking University
	8:00-9:15	Human-induced Global Land Change	<i>Xiaopeng Song</i>	University of Maryland
	9:20-10:35	Overview of the UMD GLAD land cover monitoring products	<i>Alexandra Tyukavina</i>	University of Maryland
	21:00-22:10	Radiation Quality Improvement of Remote Sensing Images: Restoration, Correction and Reconstruction	<i>Huanfeng Shen</i>	Wuhan University
7/12	22:20-23:30	Passive microwave remote sensing vegetation monitoring	<i>Tian Feng</i>	Wuhan University



7/13	8:00-9:15	Nighttime Light Remote Sensing for Urban Applications: Progress, Challenges, and Prospects	<i>Qiming Zheng</i>	Chinese University of Hong Kong
	9:20-10:35	Urban environmental change and its implications	<i>Yuyu Zhou</i>	The University of Hong Kong
	10:20-11:30	Total net radiation	<i>Jiang Bo</i>	Beijing Normal University
7/14	2:00-3:10	Surface albedo	<i>Tao He</i>	Wuhan University
	3:20-4:30	Challenges and opportunities of remote sensing of agricultural conditions	<i>Bingfang Wu</i>	Institute of Aerospace Information Innovation, CAS
	8:00-9:15	Analysis of remote sensing signals with the DART radiative transfer model	<i>Jean-Philippe Gastellu-Etchegorry</i>	University of Toulouse III, France
	9:20-10:35	Analysis ready data is needed: algorithms and application demonstrations	<i>Hankui Zhang</i>	South Dakota State University
	21:00-22:10	Incorporating global 3D canopy structure for terrestrial ecosystem monitoring- a user guide of GEDI	<i>Hao Tang</i>	National University of Singapore
	22:20-23:30	Acquisition of water spectral data and quantitative remote sensing of water environment	<i>Liqiao Tian</i>	Wuhan University
7/15	2:00-3:10	Remote sensing of ice and snow	<i>Jian Wang</i>	Northwest Institute of Ecology, Resources and Environment, CAS
	3:20-4:30	Remote sensing monitoring of marine algae	<i>Mengqiu Wang</i>	Wuhan University
	8:00-9:15	Remote sensing of Global snow	<i>Steve Hancock</i>	University of Edinburgh, UK
	9:20-10:35	Monitoring Vegetation in a Changing World	<i>Aleixandre Verger</i>	Spanish National Research Council
	21:00-22:10	Research progress in quantitative remote sensing of mountains	<i>Ainong Li</i>	Chengdu Institute of Mountain Hazards and Environment, Ministry of Water Resources, CAS
	22:20-23:30	Cloud and aerosol remote sensing	<i>Siwei Li</i>	Wuhan University
7/16	2:00-3:10	Surface and near-Earth observations of surface temperature	<i>Ji Zhou</i>	University of Electronic Science and Technology of China
	3:20-4:30	Remote sensing big data	<i>Min Feng</i>	Institute of Tibetan Plateau Research, CAS
	8:00-9:15	Remote Sensing Applications in climate risk assessment and climate adaptation of agricultural system	<i>Peng Zhu</i>	The University of Hong Kong



	9:20-10:35	Remote sensing of land subsidence and early warning of geohazard for sustainable development	<i>Peifeng Ma</i>	Chinese University of Hong Kong
	21:00-22:10	Estimation of surface downward shortwave radiation	<i>Dongdong Wang</i>	Peking University
	22:20-23:30	Satellite remote sensing combined with ground observation was used to study the heat flux and evapotranspiration in the complex surface area of the Qinghai-Tibet Plateau	<i>Yaoming Ma</i>	Institute of Tibetan Plateau Research, CAS
7/17	2:00-3:10	Photosynthetically active radiation absorption ratio	<i>Wenjie Fan</i>	Peking University
	3:20-4:30	How to make the most out of remote sensing data in global environmental change studies: what can we learn from AI	<i>Rasmus Fensholt</i>	University of Copenhagen, Denmark
	8:00-8:20	Summer School Closing Ceremony		
	8:20-9:35	Passive/active microwave remote sensing and vegetation monitoring from VOD indices	<i>Jean-Pierre Wigneron</i>	French Academy of Agricultural Sciences
	9:40-10:55	Synthetic Aperture Radar for Global Food Security	<i>Hosseini Mehdi</i>	University of Maryland