

2008 Dragon Symposium Beijing, P. R. China [21 to 25 April 2008]
Dragon 1 Final Results

Monday 21 April 2008 to Wednesday 23 April 2008

Day 1, Monday 21 April 2008

08:00-09:00 Registration

Session DP1.1: Opening Session

		Chairs: Xing Jijun (MOST), Stefano Bruzzi (ESA)
09:00-09:10	Official welcome	Liao Xiaohan (MOST)
09:10-09:20	Official welcome by ESA	René Oosterlinck(ESA)
09:20-09:30	Official Address by MOST	Cao Jianlin (MOST)

Session DP1.2: Signing Ceremony of MOST-ESA Dragon 2 Agreement

		Chairs: Stefano Bruzzi (ESA), Xing Jijun (MOST)
09:30-09:50	Dragon 2 Cooperation Signing Ceremony	Zhang Guocheng(NRSCC), René Oosterlinck(ESA)
09:50-10:20	Group Photo & Coffee Break	

Session DP1.3: Keynote Presentations

		Chairs: Xing Jijun (MOST), Karl Bergquist (ESA)
10:20-10:55	ESA EO Missions	Stefano Bruzzi (ESA)
10:55-11:30	China's EO Missions	Li Deren (Wuhan University)
11:30-12:00	Dragon 1 Programme Achievements and Plans for Dragon 2	Li Zengyuan (NRSCC) and Yves-Louis Desnos (ESA)
12:00-13:30	Lunch	

Session DP1.4: Dragon EU projects

		Chairs: Ignacio Asenjo (EU), Li Jiahong (NRSCC)
13:30-14:15	DRAGONESS (FP6 Project)	Johnny Johannesssen, He Mingxia
14:15-15:00	AMFIC (FP6 Project)	Ronald Van der A, Zhang Peng and Liu Yi
15:00-15:30	Coffee Break	

Dragon 1 Presentation
Session DP1.5: Atmosphere

		Chairs: Hennie Kelder (KNMI), Zhang Peng (NMC)
15:30-16:00	Air Quality Monitoring by Satellite Data in Beijing Area (id. 2615)	Wang Pucui

16:00-16:30	Ozone Layer Above China As Seen By Satellites (id. 2579)	E. Kyrölä, S. Hassinen, J. Tamminen, Qiu Hong
16:30-17:00	European Scientists's Contributions to Project Atmosphere Pollution (id. 2580)	Hennie Kelder
17:00-17:30	Atmospheric Chemistry Monitoring from Satellite and Their Application in China (id.2580)	Zhang Peng, Zhang Xingying, Hu Xiuqing Hu, Li Xiaojing Li et al.
18:00-20:30	Banquet (NRSCC)	Zhang Guocheng (Venue: Fragrant Hill Empark Hotel)

Day 2, Tuesday 22 April 2008

Session DP1.6: Oceanography

		Chairs: Werner Alpers (IMUH), He Mingxia (OUC)
08:30-08:55	Observation of Internal Wave, Ocean Wave, Shallow Water Topography and Ocean Color in the China Seas from Envisat-Final Report of Dragon Ocean Project (id. 2566)	He Mingxia
08:55-09:20	Observations Of Atmospheric Gravity Waves Over The Chinese Seas By Spaceborne Synthetic Aperture Radar (id. 2566)	W. Alpers, W. Huang, G. Xilin
09:20-09:40	Satellite Observation of Extreme Sea State and High Wind Fields (id.2566)	Susanne Lehner, He Ming-Xia

Session DP1.7: Water Resources and Flooding

		Chairs: Li Jiren(IWHR), Bob Su (ITC)
09:40-10:00	China Agriculture Drought Monitoring Based on ENVISAT/ASAR Data (id. 2608)	Chen Youqi, Wang Liming et al.
10:00-10:30	Coffee Break	
10:30-10:55	Drought Monitoring And Prediction Over China (id. 2608)	Z. (Bob) Su, Chen Youqi,
10:55-11:15	NRT Exploitation Of Envisat For Flood Monitoring In P.R. China 2005, 2006 and 2007 Seasons	Hervé Yesou
11:15-11:40	Flood Monitoring and Disaster Assessment (id. 2551)	Li Jiren, Huang Shifeng, Li Lin, Xu Mai, Li Xiaotao, Sun Tao
11:40-12:00	Application of Remote Sensing to Hydrological Modeling (id. 2584)	Li Jiren, Xin Jingfeng, Zhang Jianli
12:00-13:30	Lunch	
13:30-13:55	Water Resources Assessment In The Huai River Basin: Hydrological Modelling And Remote Sensing (id. 2584)	Charles Baubion, Ghislain de Marsily, Emmanuel Ledoux, Li Jiren, Xin Jingfeng, Huang Shifeng

Session DP1.8: Forestry

		Chairs: Eric Pottier (UR), Chen Erxue (CAF)
13:55-14:15	POLInSAR for Forestry Applications: Summary of DRAGON Research and Training Activities (id. 2556)	Cloude S.R.
14:15-14:40	Forest Structure Estimation using Space Borne Radar: An ALOS-PALSAR Case Study (id. 2556)	Chen Erxue
14:40-15:00	Large-Scale Forest Mapping and Map Updating By Using ERS-1/2 Tandem And Envisat Asar Data	Christiane Schmullius, Oliver Cartus
15:00-15:30	Coffee Break	
15:30-17:00	Young Scientists Poster Session	Chairs: Gao Zhihai (NRSCC), Andy Zmuda (Serco / ESA)

Day 3, Wednesday 23 April 2008

Session DP1.8: Forestry (continued)

		Chairs: José-Luis Cassanova (LATUV),
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		Chen Erxue (CAF)
08:30-08:55	Forest Mapping By ENVISAT ASAR Data (id. 2583)	Li Zengyuan, Tian Xin, Chen Erxue, Pang Yong, Christiane Schmullius, Oliver Cartus, Maurizio Santoro, Thuy Le Toan
08:55-09:20	Envisat: A Tool For Forest Fire Prevention And Detection, Fire Parameters Retrieval, Fire Damage, Evaluation And Burnt Scar Recovery Analysis (id. 2531)	José-Luis Casanova, Abel Calle, Julia Sanz (University of Valladolid)
09:20-09:40	Forest Fire Monitoring using ENVISAT Images in China (id. 2531)	Qin Xianlin, Li Zengyuan, Tian Xin, Pang Yong et al.

Session DP1.9: Agriculture

		Chairs: Thuy Le Toan (CESBIO), Tan Bingxiang (CAF)
09:40-10:00	ENVISAT application in Fujian Province (id. 2563)	Wang Xiaoqin et al.
10:00-10:30	Coffee Break	
10:30-10:55	Land Cover and Rice Mapping with ASAR (id. 2563)	Shaun Quegan, Guojin He, Wang Xiaoqin
10:55-11:15	Rice Monitoring I In China (ID 2562)	Thuy Le Toan, Alberte Bondeau
11:15-11:35	Rice Monitoring II In China (ID 2562)	Tan Bingxiang, Alberte Bondeau

Session DP1.10: Sport Events

		Chairs: Michael Petrakis (NOA), Junmin Meng (FIO, SOA)
11:35-12:00	Water Quality and Wind Field Monitoring with Remote Sensing Data (id. 3362)	Ma Yi, Meng Junmin, Cui Tingwei, Zhao Wenjing, Ren Qifeng
12:00-13:30	Lunch	
13:30-13:50	Ecological Environment Evaluation and Land Subsidence Monitoring in Beijing by Remote Sensing (id. 3362)	Gong Huili, Zhao Wenji, Li Xiaojuan, Hu Zhuowei, Zhang Youquan
13:50-14:15	Use Of Satellite And Ground Data For The Assessment Of The Effect Of The 2004 Olympic Games To The Urban Environment Of Athens	Michael Petrakis

Session DP1.11: Elevation Models and Terrain Motion

		Chairs: Li Deren (WU), Fabio Rocca (POLIMI)
14:15-14:40	Exploitation of SAR and optical imagery for monitoring the environmental impacts of the Three Gorges Dam (id. 2558)	Jan-Peter Muller
14:40-15:00	Monitoring Ground Surface Deformation In Three Gorges, Suzou and Dangxiong By Interferometry SAR (id. 2558)	Zeng Qiming et al.
15:00-15:30	Coffee Break	
15:30-15:55	Measuring Coseismic to Interseismic Deformation in China Using InSAR : Final Report of Project 2577 (Part I) (id. 2577)	Sun Jianbao, ZhengKang Shen, Xu Xiwei, Fang Liang
15:55-16:15	Measuring Coseismic to Interseismic Deformation in China Using InSAR : Final Report of Project 2577 (Part II) (id. 2577)	C. Lasserre, O. Cavalie, M.-P. Doin, G. Peltzer, S. Guillaso
16:15-16:40	Topographic Measurement with Advanced InSAR techniques (id. 2567)	LI Deren, Fabio Rocca, Mingsheng Liao, Daniele Perissin
16:40-17:00	PS-InSAR Progress in Dragon Programme (id. 2567)	Daniele Perissin, Fabio Rocca, Teng Wang
17:00-17:15	Summary for Dragon 1 Presentation	Qiang Xiaozhe (MOST) and Yves-Louis Desnos (ESA)

Dragon 2 Kick Off Symposium

Dragon 2 Presentations

Day 4, Thursday 24 April 2008

Session DP2.1: Land Resources and Environment

		Chairs: Li Deren (WU), Christiane Schmullius (JU)
08:30- 09:00	FOREST DRAGON 2: Forest Ecosystem Observations of The Changing Earth for DRAGON 2 including Identification and Monitoring of Disturbances (id. 5314)	Schmullius Christiane Cornelia, Li Zengyuan
09:00- 09:30	Satellite Monitoring of Urbanization in China for Sustainable Development (id. 5317)	Gong Peng, Ban Yifang
09:30- 10:00	The role of Croplands in the Carbon budget of China (id. 5319)	Le Toan Thuy, Huang Yao
10:00- 10:30	Coffee Break	
10:30- 11:00	Drought Monitoring, Prediction and Adaptation Under Climate Changes (id. 5341)	Z. Bob Su, Ma Yaoming
11:00- 11:30	Techniques for Deriving Land Cover and Earth Surface Deformation Information from Polarimetric SAR Interferometry (id. 5344)	Pottier Eric, Chen Erxue
11:30- 12:00	Key Eco-Hydrological parameters retrieval and land data assimilation system development in a typical inland river basin of China's arid region (id. 5222)	Li Xin, Massimo Menenti
12:00- 12:30	Improving Methods of Crop Monitoring with ENVISAT Data (id. 5279)	Wu Bingfang, Eerens Herman
12:30- 13:30	Lunch	
13:30- 14:00	Application of Remote Sensing and Other Space Technology to Hydrology and water resources (id. 5281)	Li Jiren, Ghislain de Marsily

Session DP2.2: Oceanography and Coastal Zones

		Chairs: Pan Delu (SIO SOA), Johnny Johannessen (NERSC)
14:00- 14:30	Demonstrating SAR and Optical Sensor Monitoring of Chinese Seas (id. 5316)	Huang Weigen, Johannessen Johnny Andre
14:30- 15:00	Dragon 2 in Support to Harmonizing European and Chinese Marine Monitoring for Environment and Security (id.5334)	Johannessen Johnny Andre, He Mingxia
15:00- 15:30	Coffee Break	
15:30- 16:00	Ocean Waves, Ocean Wind, Ocean Currents application research in coastal zones based on Multi-Sensor Satellite data (id. 5338)	He Mingxia, Lehner Susanne
16:00- 16:30	Coastal Zone Remote Sensing Monitoring in Yellow River, Yangtze River and Pearl River Delta (id. 5292)	Ma Yi, Tim J Malthus
16:30- 17:00	Estuarine, Inland and Coastal Water Quality Monitoring using Earth Observation Data (id. 5351)	Pan Delu, Doerffer Roland
17:00- 17:30	Prize ceremony for Best Poster and Dragon 1 PI	René Oosterlinck(ESA), Zhang Guocheng(NRSCC)
18:00- 21:30	Banquet (ESA) (Tenggeli Tala Restaurant)	

Day 5, Friday 25 April 2008

Session DP2.3: Topographic Mapping

		Chairs: Gong Huili (CNU), Cécile Lasserre (ENS)
08:30-09:00	Topographic Measurement (id. 5297)	Li Deren, Daniele Perissin
09:00-09:30	Crustal Deformation in China Associated with The Seismic Cycle of Major Faults or Related to Lakes Loading on the Lithosphere : Measurement by SAR Interferometry (id. 5305)	Cécile Lasserre, Sun Jianbao
09:30-10:00	Monitoring ground Surface Displacement in The Three Gorges Area, Dangxiong-Lasha and Jiangsu Province Area (id. 5343)	Zeng Qiming, Jan-Peter Muller
10:00-10:30	Coffee Break	

Session DP2.4: Hazards

		Chairs: Li Jing (BNU), Herve Yesou (SERTIT)
10:30-11:00	Detection, Analysis and Risk Assessment of Coal Fires in northern China (id. 5345)	Li Jing, Fischer Christian
11:00-11:30	Low Lying Water Bodies and Wetland Monitoring Exploiting in Situ Data and Earth Observation Imagery, in Terms of Quality, Biodiversity Dynamic Trends and Risk Management (id. 5264)	Li Jiren, Yesou Herve
11:30-12:00	Early Warning and Damaged Assessment for Forest Fire (id. 5258)	Casanova Jose-Luis, QinXianlin
12:00-13:30	Lunch	
13:30-14:00	Application of Envisat ASAR Data on Sea Ice Detection and Classification in Bohai Sea (id. 5290)	Ji Yonggang, Wolfgang Dierking

Session DP2.5: Atmosphere

		Chairs: Erkki Kyrölä (FMI), Liu Yi (CAS)
14:00-14:30	Air Quality Monitoring and Forecasting In China (id. 5253)	Zhang Peng, Roland van der A
14:30-15:00	EGOMO Dragon II (id. 5311)	Erkki Kyrölä, Liu Yi
14:30-15:00	Exploitation of GOMOS, OSIRIS, OMI and MIPAS Measurements for Studying the Change in the Middle Atmosphere (id. 5311)	Erkki Kyrölä, Liu Yi
15:00-15:30	Coffee Break	

Session DP2.6: Others

		Chairs: Li Zengyuan (NRSCC), Yves-Louis Desnos (ESA)
15:30-16:00	Validation and Calibration of Spaceborne Wind Measurement with Doppler lidar (id. 5291)	Liu Zhishen, Ulrich Schumann
16:00-16:30	SMOS Data Calibration and Validation over China (id. 5252)	Zhang Weiguo, Kerr Yann
16:30-17:00	Use of Earth Observation in Support of Major Sport Events: Case Study for the Athens, Beijing and London Olympic Games (id. 5295)	Asimakopoulos Dimosthenis, Gong Huili

Session DP2.7: Closing Session

		Chairs: Yves-Louis Desnos(ESA), Xing Jijun(MOST)
17:00-17:15	Closing Speech by ESA	Yves-Louis Desnos

17:15- Closing Speech by NRSCC
17:30

Zhang Guocheng