

Programme

Session 1: CHRIS Image Processing & Validation Chaired by M. Cutter and L. Guanter	
Guanter, L. et al.	Coupled Approach for Spectral/Radiometric Calibration and Surface Reflectance Retrieval from CHRIS/PROBA Data
Del Frate, F. et al.	CHRIS-PROBA Imagery over the Frascati Area: Recent Advances on Radiometric Correction and Atmospheric Calibration
Martinez Cobo, P. et al.	Parallel computation of forest fires using CHRIS images
García González, J.C. et al.	Improvements in the removal of vertical striping in CHRIS/PROBA images
Milton, E.-J., et al.	The Contribution of CHRIS/PROBA to NCAVEO, a Knowledge Transfer network for the Calibration and Validation of Earth Observation Data
Schneider, T. et al.	Field Goniometer Measurements for Biophysical Parameter Retrieval in Support of CHRIS Data Evaluations

Session 2: Land Processes & Atmosphere I Chaired by M. Barnsley and J. Moreno	
Moreno, J. et al.	Overview of the Activities Related to the Exploitation of CHRIS/PROBA Data Acquired over the Barrax Core Site
Koetz, B. et al.	Suitability of the Parametric Model RPV to Assess Canopy Structure and Heterogeneity from Multi-Angular CHRIS-PROBA Data
Lieckfeld, L. et al.	Use of Hyperspectral Data for Assessing the Effects of Different Land Use Strategies on Vegetation Types in Savannahs in Central Namibia
Nichol, J. et al.	Aerosol retrieval in Hong Kong: a preliminary study
Lang, M. et al.	Angular Dependence of Forest Reflectance at Järvelja Test Site Measured from CHRIS PROBA Images

Kneubühler, M. et al.	CHRIS/PROBA Data Analysis at the Swiss Midlands Testsite
Oppelt, N. et al.	Use of Multiangular CHRIS Data for Analysis of the Vertical Structure of Biophysical Variables
Disney, M. et al.	Angular variation and photochemical response from CHRIS – PROBA over forest sites in the UK

Session 3: Land Processes & Atmosphere II	
Chaired by H. Bach and H. Kaufmann	
Ruecker, G. et al.	Remote Sensing of Chlorophyll and Nitrogen Status in Cotton Fields in Khorezm, the Amu Darya Basin, Uzbekistan
Martinez Cobo, P. et al.	Identification of Roman buildings using Chris images
Weber, B. et al.	Development and Implementation of Remote Sensing Techniques for Long-Term Monitoring of Biological Soil Crusts (BSCs)
Begiebing, S. et al.	Extraction of Phenology-Dependent Structural Information from Hyperspectral, Directional CHRIS Data for a Better Derivation of Canopy Parameters of Winter-Wheat
Goodenough, D. et al.	Evaluation and Validation of CHRIS (EVC) for National Forests
Pippi, I. et al.	Overview of CHRIS Acquisitions over San Rossore as a Tool for Integrated Observation of the Environment at Regional Scale
Renda, O. et al.	Testing CHRIS Images for a Land Use Monitoring Service
Merton, R. et al.	Mapping Snow Cover Extent over Mountainous Terrain in the Swiss National Park Using Multi-Temporal and Multi-Angular CHRIS Imagery
Chopping, M. et al.	Mapping Woody Vegetation with the Compact High Resolution Imaging Spectroradiometer on the Proba platform: <i>A Monospectral, Multi-Angle Approach</i>
Gomez-Chova, L. et al.	Cloud Probability Mask for PROBA/CHRIS Hyperspectral Images
Ottavianelli, G. et al.	SAR Interferometric Products and Hyperspectral Data for Monitoring Solid Waste Landfill Operations
Schmid, T. et al.	Semi-arid Wetlands: Assessment of their Degradation Status and Monitoring b Multi-Sensor Remote Sensing

Bach, H. et al.	Autonomous Atmospheric Correction and Model Based Land Use Classification of CHRIS Data of the AQUIFEREX Test-Sites in Tunisia
Tong, Q. et al.	Forest Species Classification Based on Hyperspectral and Multitemporal CHRIS Images
Kaufmann, H. (invited Speaker) et al.	EnMAP – Environmental Mapping and Analysis Program
Merton, R. et al.	Contributions of Multi-View Angle Remote Sensing in Determining Vegetation Structure Using CHRIS Data

Session 4: Inland & Coastal Waters	
Chaired by S. Lavender and R. Peña-Martínez	
Peña-Martínez, R. et al.	Use of CHRIS for Monitoring Water Quality in Selected Reservoirs. 2005 Activities
Peña-Martínez, R. et al.	Use of CHRIS Imagery for Monitoring Ecological Water Quality in Smallest Mediterranean Reservoirs Integrated in the Intercalibration Exercise of WFD Implementation Process. Final Report
Beiermann, T. et al.	Monitoring of Chlorophyll a and Toxic Algal Blooms in the Volta Basin - Preliminary. Regarding Potentials of CHRIS-Proba Hyperspectral Imagery
Merton, R. et al.	Monitoring Coastal Saline Lake Environments using CHRIS Data
Merton, R. et al.	Multiangular Mapping of a Coral Reef Using Satellite Hyperspectral BRDF Data
Polvorinos, A. et al.	Remote Sensing Modelling and Monitoring of Water Quality in Aracena and Gergal Dams (Seville, Spain)
Schmid, T. et al.	Semi-arid Wetlands: Assessment of their Degradation Status and Monitoring by Multi-Sensor Remote Sensing
Merton, R. et al.	Assessing the Utility of Multi-Angle Hyperspectral CHRIS Data for the Detection of a Trichodesmium Bloom, Great Barrier Reef, Australia
Dédieu, G. (invited Speaker) et al.	A Joint Israeli - French Earth Observation Scientific Mission with High Spatial and Temporal Resolution Capabilities
Biasutti, R. (invited Speaker)	The Sentinel-2 Mission