

Overall programme incl. locations

Monday, 15 September 2008

Time	Title	Location
09:00 – 09:30	Registration & Coffee	GAIA Foyer
09:30 – 10:00	Opening and welcome by the organisers	GAIA 1/2
10:00 – 10:35	Oral Session	GAIA 1/2
10:35 – 11:05	Coffee Break	GAIA Foyer
11:05 – 12:15	Oral Session II	GAIA 1/2
12:15 – 12:30	Group Photo	FORUM
12:30 – 13:30	Lunch	FORUM
13:30 – 14:40	Oral Session III	GAIA 1/2
14:40 – 15:40	Coffee Break	Foyer
15:40 – 16:40	Wrap up & Discussion with PhD input	GAIA 1/2
16:40 – 18:30	Ice Breaker Event	Lumen Patio
19:00	Hyper-i-net Management Board Meeting	By invitation only

Tuesday, 16 September 2008

Time	Title	Location
09:00 – 12:30	Practicals/Visits	
	ENVI/IDL	GAIA PC38
	Plant Facility	GAIA Foyer
	ASD tutorial	GAIA Foyer
	Field instruments	GAIA Foyer
10:30 – 11:00	& Demonstration CanEye Software	ATLAS 1/2
12:30 – 13:30	Lunch	FORUM
13:30 – 13:45	Opening and welcome by Hyper-i-net	ATLAS 1/2
13:45 – 14:55	Spectroscopy Applications I	ATLAS 1/2
14:55 – 15:25	Coffee Break	ATLAS Foyer
15:25 – 17:10	Spectroscopy Applications II	ATLAS 1/2

Wednesday, 17 September 2008

Time	Title	Location
09:00 – 09:15	Registration	ATLAS Foyer
09:15 – 09:50	Oral Session	ATLAS 1/2
09:50 – 10:20	Coffee Break	ATLAS Foyer
10:20 – 11:30	Oral Session	ATLAS 1/2
11:30 – 12:30	Lunch	FORUM
13:30 – 15:30	PhD Defence	AULA
15:30 – 17:30	PhD Reception	Junushoff

Thursday, 18 September 2008

Time	Title	Location
08:45 – 09:00	Registration	ATLAS Foyer
09:00 – 10:20	Oral Session	ATLAS 1/2
10:20 – 10:50	Coffee Break	ATLAS Foyer
11:00 – 18:00	Excursion	Hoge Veluwe
19:00	Summer School Dinner	Drinks&Bites

Friday, 19 September 2008

Time	Title	Location
08:45 – 09:00	Registration	ATLAS Foyer
09:00 – 10:45	Oral Session	ATLAS 1/2
10:45 – 11:15	Coffee Break	ATLAS Foyer
11:15 – 12:15	PhD Presentation Preparation	ATLAS Foyer
12:15 – 13:15	Lunch	FORUM
13:15 – 14:15	PhD Wrap up & Discussion	ATLAS 1/2
14:15 – 14:45	Closing Session	ATLAS 1/2

Detailed programme

Monday, 15 September 2008

Time	Title	Speaker
09:00 – 09:30	Registration & Coffee	
	PE&RC Day on <i>Scaling from Molecules to Ecosystems</i>	Chair: Michael Schaepman <i>Wageningen Univ. (NL)</i>
09:30 – 10:00	Opening and welcome by the organisers	Olaf van Kooten and Michael Schaepman <i>Wageningen Univ. (NL)</i>
10:00 – 10:35	An Introduction to the use of spectrophotometric and chlorophyll fluorescence based techniques for measuring the physiological properties of leaves.	Jeremy Harbinson <i>Wageningen Univ. (NL)</i>
10:35 – 11:05	Coffee Break	Offered
11:05 – 11:40	The basic relationships between chlorophyll fluorescence and photosynthesis in plants.	Bernard Genty <i>CEA Cadarache (F)</i>
11:40 – 12:15	Imaging and Imagining the spatio-temporal variations of photosynthesis – optical remote sensing to understand physiological changes of the photosynthetic apparatus.	Uwe Rascher <i>ICG Jülich (D)</i>
12:15 – 12:30	Group Photo	
12:30 – 13:30	Lunch Break	Offered
13:30 – 14:05	Hyperspectral sensing of biochemical properties from leaf to canopy scales: the worth of wavelets	Alan Blackburn <i>Lancaster Univ. (GB)</i>
14:04 – 14:40	Scaling The Radiative Transfer Problem from Leaf to Landscape – Does Matter Matter?	Richard Fernandes <i>CCRS (CA)</i>
14:40 – 15:40	Coffee Break	Offered
15:40 – 16:40	Wrap up & Discussion with PhD input	
16:40 – 18:30	Ice Breaker Event	Offered
19:00	Hyper-i-net Management Board Meeting	(by invitation only)

Tuesday, 16 September 2008

Time	Title	Speaker
	Hands-on training	
09:00 – 12:30	A) ENVI/IDL	Antonio Plaza <i>Univ. of Extremadura (E)</i>
09:00 – 10:30 11:00 – 12:30	B1) Plant facility visit	Gabriela Schaepman-Strub <i>Wageningen Univ. (NL)</i>
09:00 – 10:30 11:00 – 12:30	B2) ASD fieldspec tutorial	Harm Bartholomeus <i>Wageningen Univ. (NL)</i>

09:00 – 10:30 11:00 – 12:30	B3) Field instruments	Bogdan Zagajewski <i>Warsaw Univ. (P)</i> & Richard Fernandes, <i>CCRS (CA)</i>
12:30 – 13:30	Lunch Break	<i>Offered</i>
13:15 – 13:30	Registration	
13:30 – 13:45	Opening and welcome by Hyper-i-net	Antonio Plaza <i>Univ. of Extremadura (E)</i>
	Spectroscopy Applications	Chair: Jan Clevers <i>Wageningen Univ. (NL)</i>
13:45 – 14:20	Mapping changing surface properties as indicators for dryland degradation - the hyperspectral option.	Joachim Hill <i>Univ. of Trier (D)</i>
14:20 – 14:55	Remote assessment of primary production in crops and grasslands.	Anatoly Gitelson <i>Univ. of Nebraska-Lincoln (USA)</i>
14:55 – 15:25	Coffee Break	<i>Offered</i>
15:25 – 16:00	Reflectance and imaging spectroscopy of mineralogical surfaces.	Sabine Chabrillat <i>GFZ (D)</i>
16:00 – 16:35	<i>Light and life</i> : the primary production in the continental shelf seas.	Hans van der Woerd <i>VU Amsterdam (NL)</i>
16:35 – 17:10	Atmospheric composition and the role of satellites to learn more about it.	Maarten Krol <i>Wageningen University (NL)</i>

Wednesday, 17 September 2008

Time	Title	Speaker
09:00 – 09:15	Registration	
	Large scale approaches	Chair: Véronique Carrère <i>University of Nantes (F)</i>
09:15 – 09:50	The FLuorescence Explorer (FLEX) mission: hyper/ultra-spectral observations for precise monitoring of vegetation dynamics.	Jose Moreno <i>Univ. of Valencia (E)</i>
09:50 – 10:20	Coffee break	<i>Offered</i>
10:20 – 10:55	Development and application of simplified models for biophysical parameter estimation from spaceborne imaging spectrometers.	Richard Fernandes <i>CCRS (CA)</i>
10:55 – 11:30	ESA GlobCover - A Global Land Cover Service at 300 m from ENVISAT MERIS Time Series.	Pierre Defourny <i>UC Louvain (B)</i>
11:30 – 12:30	Lunch Break	<i>Offered</i>
	PhD Defense	Opponents
13:30 – 15:30	PhD candidate Raúl Zurita-Milla : 'Mapping and monitoring heterogeneous landscapes: spatial, spectral and temporal unmixing of MERIS data' Promoter: Prof. Dr. Michael Schaepman Co-promoter: Dr. Jan Clevers <i>Wageningen University (NL)</i>	Prof. Dr. Bert Holtslag <i>Wageningen University (NL)</i> Prof. Dr. Antonio Plaza <i>Univ. of Extremadura (E)</i> Prof. Dr. Inald Lagendijk <i>Delft Univ. of Technology (NL)</i> Dr. Mathias Kneubühler <i>Univ. of Zurich (CH)</i>
15:30 – 17:30	PhD Reception	<i>Offered</i>

Thursday, 18 September 2008

Time	Title	Speaker
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08:45 – 09:00	Registration	
International Initiatives & Context		Chair: Antonio Plaza <i>Univ. of Extremadura (E)</i>
09:00 – 09:45	Part I: In-situ vegetation canopy measurements: ground truth or only a ground of truth? Part II: The changing ERA: funding opportunities for Earth Science in ESF and beyond.	Inge Jonckheere <i>ESF Strasbourg (F)</i>
09:45 – 10:20	EU Programmes	Willem Wolters <i>Wageningen International (NL)</i>
10:20 – 10:50	Coffee Break	Offered
Excursion		
11:00 – 18:00	National Park de Hoge Veluwe	
19:00	Summer School Dinner	Offered

Friday, 19 September 2008

Time	Title	Speaker
08:45 – 09:00	Registration	
Earth System – The Broader Context		Chair: Gabriela Schaeppman-Strub <i>Wageningen University (NL)</i>
09:00 – 09:35	Global change is happening: observations and trends.	Rik Leemans <i>Wageningen University (NL)</i>
09:35 – 10:10	IPCC and Global Change	Rob van Dorland <i>KNMI (NL)</i>
10:10 – 10:45	Interactions of the hydrological and carbon cycle in the Earth System.	Han Dolman <i>VU Amsterdam (NL)</i>
10:45 – 11:15	Coffee Break	Offered
11:15 – 12:15	Preparation Wrap-up	
12:15 – 13:15	Lunch Break	Offered
13:15 – 14:15	Wrap-up and Discussion	
Closing Session		
14:15 – 14:45	Closing Session	Antonio Plaza & Michael Schaeppman
14:45	Farewell Drinks	Offered

Posters on display

Tuesday 16 – Friday 19 September 2008

Topic	Title	Presenter	Poster
Posters on display	Assessing Potato Yellow Vein Virus (PYVV) in potato (<i>Solanum tuberosum</i>) crops by applying multifractal analysis to remote sensing data: an approach.	Perla Chavez	P01
	Assessing and predicting vegetation structure in flood-plain ecosystems: assimilation of imaging spectrometer derived variables into dynamic vegetation models.	Lammert Kooistra , L. Sanchez, W. Wamelink, M. Schaeppman and J. Clevers	P02
	Geometrical and structural parameterization of forest canopy radiative transfer by LiDAR measurements.	Lucia Yáñez , L. Homolová, Z. Malenovský and M. Schaeppman	P03
	Comparison of different ground techniques to map leaf area index of Norway spruce forest canopy.	Lucie Homolová	P04

A radiative transfer modeling analysis for studying the effects of woody elements on forest canopy chlorophyll concentration retrieval.	Jochem Verrelst	P05
Application of Spaceborne Imaging Spectrometry for Vegetation Monitoring.	Jan Clevers and Steven de Jong	P06
Canopy Water Content Retrieval from Hyperspectral Remote Sensing.	Jan Clevers , Lammert Kooistra and Michael Schaepman	P07
MERIS chl-a timeseries of Lake Constance 2003-2006.	Daniel Odermatt	P08
Hyperspectral Image Processing Chain for Vegetation Mapping Purposes.	Karoly Bakos	P09
Pre-processing of dual-view FIGOS data: Towards operational BRDF retrieval.	Andreas Hueni	P10
Spectral mineral mapping utilizing high altitude and ground-based spectroradiometry: Case studies from Sokolov open-pit mine, Czech Republic, and Sechura desert, Peru.	Veronika Kopackova	P11