

OPTIMISE Workshop and MC meeting Limassol, Cyprus 22nd to 24th February 2017
draft programme

Wednesday 09:30-09:40	Kyriacos Themistocleous (Host) and Alasdair Mac Arthur (Chair) Welcome to Limassol and Introduction to annual workshop and MC meeting	
	Session 1. Chair: Alasdair Mac Arthur An update from ESA	
09:40- 10:30	Keynote: ESA Dirk Schuettemeyer FLEX & Sentinel 2/3 Mission Development & Validation	
10:30-11:00	Open floor discussion. Coordination of OPTIMISE and ESA FLEX activities during 2017	
11:00 -11:30	Coffee break and networking	
	Session 2 Chair Alasdair Mac Arthur OPTIMISE Reporting	
11:30-12:00	Loris Vescovo OPTIMISE MAG progress report	
12:00-12:30	Helge Aasen OPTIMISE BUS concept and current status (OPTIMISE Best practice for UAV sampling and Science)	
12:30-14:00	Lunch	
	Session 3: Chair Andy Hueni Spatial sampling	
14:00-14:30	Keynote: Petya Campbell “Diurnal and seasonal changes in fluorescence associated with photosynthesis – comparing leaf and canopy measurements in a corn field”	
14:30-14:50	Loris Vescovo “Simulating UAV sampling using high-density Lidar data to characterize the structure of short canopies”	
14:50-15:10	Zbynek Malenovski "Unmanned aircraft observations of solar induced chlorophyll fluorescence with high accuracy georeferencing"	
15:10-15:30	Anna van Doorn “Using UAV photogrammetry and spectroscopy for field phenotyping of Cassava traits”	
15:30-15:50	Jane Wyngaard “CO2 sampling from UAVs”	
15:50-16:20	Coffee and networking	
	Session 4 Chair Alex Damm Modelling	
16:20-16:40	Jochem Verelst “Emulation of radiative transfer models”	
16:40-17:00	Peiqi Yang (Christiaan van der Tol via Skype) “Modelling to understand measurements and scaling observations”	
17:00-17:20	Bruna Oliveira (STSM) “Modelling of ecosystem respiration with proximal sensing data and meteorological measurements”	
17:20-18:00	Session 5 Helge Aasen OPTIMISE BUS Questionnaire Open floor discussion incl. Questionnaire and development of plan (including format and location for final workshop/conference) for final year of Action	
18:00-18:30	OPTIMISE Core Group meeting	

Thursday	Session 6 Chair Sergio Cogliati Protocols, procedures and Spectral database	
09:30-10:00	Keynote: Prof. Eyal Ben Dor. "Soil spectral Library: Standard and Protocol as an example to other spectral libraries for EO applications"	
10:00- 10:20	Jane Wyngaard "Science Drone data standards"	
10:20-10:40	Laura Mihai "Development of calibration protocols and procedures"	
10:40-11:00	Andy Hueni "Update on SPECCHIO and ecosystem specific metadata"	
11:00 -11:30	Coffee break and networking	
	Session 7: Chair Radek Juszcak Understanding reflectance and fluorescence and ecophysiological/biophysical state variables	
11:30-12:00	Keynote: Proff. Anatoly Gitelson "A convergence on a narrow range of light use efficiency in C3 and C4 crops"	
12:00-12:20	Peigi Yang "Response of C3 and C4 Crops to a Heat Wave detected by using Airborne Reflectance and Chlorophyll Fluorescence Measurements"	
12:20-12:40	Jon Atherton "Spatial variation of Leaf Optical Properties in a boreal forest"	
12:40-13:00	Chao Zhang "Chlorophyll fluorescence dynamics during the Spring recovery of photosynthesis of Scots pine"	
	Lunch	
	Session 8: Chair: Zbynek Malenovski Platforms, instruments and imagers	
14:00-14:20	Alex Damm "Recent achievements in HyPlant data processing and SIF retrieval"	
14:20-14:40	Luis Alonso "HyPlant instrument calibration" (by Skype)	
14:40-15:00	Sergio Cogliati "Toward consistent observations of sun-induced fluorescence and reflectance from field-spectroscopy to FLEX: instruments and retrieval algorithms".	
	Coffee break and networking	
15:20-15:50	Michal Chilinski "Usage of small drones for measuring light absorption within a tree canopy - development of the platform and setting experimental protocols"	
15:50-16:10	Mario Dubbini "Introducing the MAIA multispectral camera"	
16:10-16:30	Sheng Wang "Calibration of MS UAV camera (tetra-cam)" (STSM)	
16:30-17:00	Session 9 Chair Alasdair Mac Arthur Open floor discussion and development of plan for final year of OPTIMISE	
17:00-17:30	OPTIMISE Core Group draft W&BP for final year of the action	

Friday 24 th February OPTIMISE Annual MC meeting		
09:00-09:15	Introduction to MC meeting by Chair	
09:15- 10:00	Financial Report from Action Manager and Chair	
10:00 to 10:15	Report on objectives still to be achieved by MAG Leader	
10:15-10:45	WG Leaders' proposals to achieve remaining objectives	
10:45-11:00	Training Leader and Dissemination Leader proposals for final year	
11:00-12:00	Development of W&BP for final year of OPTIMISE incl. final conference	
12:00	Close of MC meeting	