



ESA Meeting

Florence, 18 - 20 May 2016

ESA Contract No. 4000107143/12/NL/FF/If



**University of
Zurich** ^{UZH}



Fondazione
Clima e
Sostenibilità



Uniwersytet Przyrodniczy w Poznaniu

AGENDA

18th May 2016

HYPER Progress Meeting 10:00 - 18:00

10:00 - 10:15 Welcome and organizational things (Franta/Franco)

10:15 - 11:00 Deliverable 1 and status of the PIP version 1 (Franta+all)

11:00 - 11:30 Deliverable 2 /update: Recording and pre-processing of HyPlant data including Calibration algorithms (FZJ)

11:30 - 12:00 Deliverable 3 /Update: Algorithms for the retrieval of atmospheric parameters (UVAL)

12:00 - 12:30 Deliverable 4 /Update: Retrieval of top-of-canopy radiance, reflectance and fluorescence (Alex + FZJ)

12:30 - 14:00 Lunch

14:00 - 14:30 Deliverable 4 /Update: SIF retrieval from SFM in HyPlant configuration (Sergio)

14:00 - 14:30 Review of the recent performance of processing chain and preliminary results of the selected flight lines and its interpretation (CG – Franta/Fernando)

14:30 - 15:00 Discussion on implementation/performance of “problematic” modules (Fernando/all)

15:30 - 15:45 Coffee break

15:45 - 16:15 Access of the partners for HYPER (Fernando)

16:15 - Next steps in finalizing the HYPER/ Discussion (Franta, Dirk + all)

19th May 2016

Mulhouse Final Meeting 9:00 - 12:00

09:00 - 09:15 Welcome and organizational things (Uwe/Franco)

09:15 - 09:45 Overview on the campaign objectives and activities (including the results of the Anti-transpiration experiment) (FZJ)

09:45 - 10:30 Ground activities and calibration Validation of fluorescence maps calculated via SVD and SFM (UNIMIB)

10:30 - 11:00 Comparison APEX and HyPlant Dual (Alexander Damm)

11:00 - 11:30 HyPlant for forest species mapping (Giulia/Cinzia)

11:30 - 12:00 Discussion/Remarks (Dirk)

12:00 - 13:30 Lunch

FLEX-EU Final Meeting 13:30 - 17:30

13:30 - 14:00 Overview on Campaign objectives and activities (including all three campaign windows) (FZJ)
(potentially including results of long term effect of Caolin treatment from Giorgio)

14:00 - 14:45 DCMU treatment (Micol + all)

14:45 - 15:15 Vaporgard treatment (TASI data; FZJ/HyPlant)

15:15 - 15:45 LST and ET retrieval from thermal hyperspectral airborne data over vaporgard treatment sites (LIST)

15:45 - 16:00 Coffee break

16:00 - 16:30 Relationship between sun-induced fluorescence, fractional cover (Roberto's experiment of the century) and age (Bily Kritz data and new results at Parker Tract)

17:00 - 17:30 Discussion/Remarks (Dirk)

20th May 2016

SOYFLEX Progress Meeting 9:00 - 13:00

09:00 - 09:30 Overview of the campaign objectives and activities, including SWAMP summer school (FZJ+Radek)

09:30 - 09:45 Physiological characterization of both soya varieties (Franco/Karolina)

09:45 - 10:15 Ground data from gas-exchange (Radek)

10:15 - 10:45 Hyperspectral ground data from (Cinzia/Giulia)

10:45 - 11:15 Fluorescence maps: New fluorescence maps with improved F680? (Alex) and results of the SFM method? (Sergio)

11:15 - 11:45 First model results of the soya experiment (ITC via Skype)

11:45 - 12:15 Virtual cloud experiments (Luis/Franco?)

12:15 - 12:45 Radiosounding/ boundary layer modelling/EC station (Radek/Jordi)

13:00 - 14:00 Lunch

14:00 - 16:00 2 hours discussion future campaigns (Dirk)