

Workshop DigiPlante 2010

Vallée de la Loire, 3-4 June 2010

Program.

----- 3 June -----

10:15 Introduction and Welcome Coffee

Session 1: Simulation, Graphics, Software

Chair: Véronique Letort

10:30: Thomas Guyard

DGPScene: a Software for the Functional Simulation and Visualization of Plant Populations

11:00: Benoit Bayol

PYGMALION: Plant Growth Models Analysis and Identification

11:30 Dr. Vincent Le Chevalier

A small Controversial Discussion about Multiscale Models and Simulation

12: 00 Corina Iovan

Automatic Extraction and Classification of Vegetation Areas from High Resolution Images

12: 30 Paul-Henry Cournède

Density-based plant growth models

13:00 Lunch

----- 4 June -----

Session 2: Modelling

Chair: Samis Trevezas

8:30 Véronique Letort

Identification of GreenLab on Coffee, Cecropia, Pine: New Problems, New Solutions

9:00 Amélie Mathieu

Colza Part 1: DigiColza: Evolutions of GreenLab for Rapeseed Modelling

9:30 Xiujuan Wang

Colza Part 2: Rapeseed Fertility and First Links with GreenLab

10:00 Fenni Kang

The Sunflo Model of Sunflower Growth and its Evolution towards SunLab

10:30 Coffee Break

Session 3: Statistics and Applications

Chair: A Mathieu

10:45 Samis Trevezas

Hidden Models and Application to GreenLab Model Identification

11:15 Cedric Loi

Perspectives of Combinatorial Methods for Organogenesis Model Identification

11:45 Zhongping Li

An Introduction to Risk Analysis and Perspectives for Plant Growth Models Applications

12:15 Qiongli Wu

Some More Sensitivity Analysis

12:45 Charlotte Baey (with the support of Dr. Sebastien Lemaire)

First Steps in Model Selection

13:15 Lunch