



SUMMER SCHOOLS

UNIVERSITY OF ANGERS - FRANCE

Welcome booklet 2017

PLANT SCIENCE

26TH JUNE | 13TH JULY



www.summerschools.univ-angers.fr



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Conception : Direction de la communication UA | Crédit photo : iFralda

PLANT SCIENCE SUMMER SCHOOL – 2017

Program

MONDAY 26TH JUNE



9:00 – 9:30 AM
Introduction

Welcome coffee

CHEVASSUS-LOZZA Emmanuelle, Deputy director of
Agrocampus Ouest, Angers (FR)

Ground floor meeting room – Maison de la Recherche

9:30 – 10:00 AM
Introduction

Presentation of the Summer School

LE SAUX Marion, IRHS-INRA – Angers (FR)
POUPARD Pascal, IRHS-University of Angers (FR)

Ground floor meeting room – Maison de la Recherche

10:00 – 10:30
Introduction

Presentation of the participants and their research interests / experiences

Ground floor meeting room – Maison de la Recherche

11:00 – 11:30
Introduction

Presentation of the Federative research structure on Plant Quality and Health

JACQUES Marie-Agnès, Director of SFR Quasav – Angers (FR)

Ground floor meeting room – Maison de la Recherche

11:30 AM – 12:00 PM
Introduction

Presentation of VEGEPOLYS (competitive cluster)

CAPUS Pauline, Vegepolys – Angers (FR)

Ground floor meeting room – Maison de la Recherche

12:00 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 3:30 PM
Lecture

A general introduction into epigenetics and its role in the control of gene expression

BUCHER Etienne, IRHS-INRA – Angers (FR)

Ground floor meeting room – Maison de la Recherche

Free time for shopping in supermarket

5:30 – 6:30 PM
Lecture

Plenary Conference: “Lessons learned from the Mirage 2000 cockpit: what can we transfer from modern combat jets in our professional activities?”

HENRY Jean-Pierre, STAN Institute (FR)

Amphi L002 - Faculty of Sciences – Campus Belle-Beille

6:30 – 7:00 PM
Social Activity

Opening Ceremony of the Summer Schools

Amphi L002 - Faculty of Sciences – Campus Belle-Beille

7:00 PM
Social Activity

Welcome Barbecue

Cafeteria *l'Escale* (Campus Belle-Beille)

TUESDAY 27th JUNE

9:00 – 10:00 AM
Lecture

**Plant Health Session 1:
Plant pathogenic bacteria, genomics, identification, disease diagnostic**

CESBRON Sophie, IRHS-INRA – Angers (FR)

LE SAUX Marion, IRHS-INRA – Angers (FR)

Ground floor meeting room – Maison de la recherche

10:15 – 11:15 AM
Visit

Visit of the CIRM-CFBP : a microbial resource center

PORTIER Perrine, IRHS-INRA – Angers (FR)

Room Oudon, Building C

11:30 AM – 12:30 PM
Visit

Visit of the LSV (Plant Health Laboratory),

POLIAKOFF Françoise, ANSES – Angers (FR)

GENTIT Pascal, ANSES – Angers (FR)

ANSES

12:30 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille



2:00 – 3:30 PM
Workshop

E-Phytia and other web applications for diagnosis aid in Plant Health Group A

GAUDIN Jonathan,
INRA – Bordeaux (FR)

Room B201 – Agrocampus Ouest

E-Phytia and other web applications for diagnosis aid in Plant Health Group B

LE SAUX Marion,
IRHS-INRA – Angers (FR)

Room B202 – Agrocampus Ouest

3:30 – 5:00 PM
Workshop

E-Phytia and other web applications for diagnosis aid in Plant Health, Group B

GAUDIN Jonathan,
INRA – Bordeaux (FR)

Room B201 – Agrocampus Ouest

E-Phytia and other web applications for diagnosis aid in Plant Health Group A

LE SAUX Marion,
IRHS-INRA – Angers (FR)

Room B202 – Agrocampus Ouest

7:00 – 8:00 PM
Social Activity

Visit of Angers by train

Car park of the Castle of Angers

WEDNESDAY 28TH JUNE

9:00 AM – 12:30 PM
French class

French language class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Ground floor meeting room – Maison de la Recherche



12:30 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 5:30 PM
French class

French culture class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Ground floor meeting room – Maison de la Recherche

THURSDAY 29TH JUNE



9:00 – 9:30 AM
Lecture

Plant Health Session 2:
Plant resistance inducers (elicitors) in crop protection

GAUCHER Matthieu, IRHS-INRA – Angers (FR)

Room B201 – Agrocampus Ouest

9:30 AM – 12:00 PM
Workshop

Quantitative polymerase chain reaction – A methodology to quantify defense gene expression in plant

GAUCHER Matthieu, IRHS-INRA – Angers (FR)

MAROLLEAU Brice, IRHS-INRA – Angers (FR)

WARNEYS Romain, IRHS – Angers (FR)

Room B201 – Agrocampus Ouest

12:00 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 3:00 PM
Lecture

Plant Quality Session 1:
**Architecture characterization of ornamental plant
Modelling to understand the complexity of plant
architecture construction**

BERTHELOOT Jessica, IRHS-INRA – Angers (FR)

Amphitheater D – Agrocampus Ouest

3:30 – 4:15 PM
Workshop

Architectural analysis of plant by 3D digitization

CRESPEL Laurent, IRHS-Agrocampus Ouest – Angers (FR)

MOREL-CHEVILLET Philippe, IRHS-INRA – Angers (FR)

Room B106 – Agrocampus Ouest

4:15 – 5:00 PM
Workshop

Plant photosynthetic activity

CARADEUC Mathieu, IRHS-INRA – Angers (FR)

HUCHE-THELIER Lydie, IRHS-INRA – Angers (FR)

Room B107 – Agrocampus Ouest

FRIDAY 30TH JUNE

5:30 AM **Departure for Paris**

The bus will pick you up at 5:30 AM at the student residence to drive you to Paris.



10:30 AM – 12:00 PM **Guided tour in the tropical greenhouse of the National Museum of Natural History (MNHN)**

Visit

12:00 – 1:00 PM Lunch (Picnic)

1:00 – 9:00 PM **Free afternoon / evening in Paris**

Social Activity

9:00 PM – 1:00 AM **Departure for Angers**

Meeting point at *Place de La Concorde* (Jardin des Tuileries' side) at 9:00 PM.
Arrival in Angers around 1:00 AM.
You can stay in Paris for the Saturday/week end (at your own expense).

Weekend 1ST – 2ND JULY

ATLANTIC COAST DAY

You will get groups ticket (5 persons), meaning you can hop on any regional trains (TER) during the weekend.

Travel time: around 90 min

Make sure to bring your swimsuit along!

Or you can go to the Atlantic Coast on the second weekend : 8th and 9th of July



MONDAY 3rd JULY

9:00 AM– 12:30 PM
French class

French language class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Room Authion, Bat. E



12:30 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 5:30 PM
French class

French culture class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Room Authion, Bat. E

6:30 – 8:30 PM
Social Activity

Kayak session

Lac de Maine

TUESDAY 4TH JULY

9:00 – 10:00 AM
Lecture

Plant Health Session 3:
Chemical ecology of insect crop pests



QUERO Carmen, Institute of Advanced Chemistry of Catalonia (SP)

Amphitheater D – Agrocampus Ouest

10:30 AM – 12:00 PM
Workshop

Presentation of Research in our team

ANTON Sylvia, IGEPP-EGI-INRA – Angers (FR)
GADENNE Christophe, IGEPP-EGI-INRA – Angers (FR)

Amphitheater D – Agrocampus Ouest

12:00 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 3:15 PM
Workshop

Aphid olfactory choice experiments

Group A

ANTON Sylvia,
IGEPP-EGI-INRA – Angers (FR)

Room E232
Bat. E – Agrocampus Ouest

Electrophysiological recordings of insect antennae

Group B

GADENNE Christophe,
IGEPP-EGI-INRA – Angers (FR)

Room E222
Bat. E – Agrocampus Ouest

3:45 – 5:00 PM
Workshop

Aphid olfactory choice experiments,

Group B

ANTON Sylvia,
IGEPP-EGI-INRA – Angers (FR)

Room E232
Bat. E – Agrocampus Ouest

Electrophysiological recordings of insect antennae,

Group A

GADENNE Christophe,
IGEPP-EGI-INRA – Angers (FR)

Room E222
Bat. E – Agrocampus Ouest

WEDNESDAY 5TH JULY



9:00-10:00 AM
Lecture

Plant Health Session 4:
**Stimulants dependent germination of parasitic plants:
from understanding to leverage.
(Bioassay, physiology and chemistry)**

VURRO Maurizio, National Research Council (IT)

Ground floor meeting room – Maison de la Recherche

10:30 AM – 11:15 PM
Lecture

Characterization of parasitic plant - host plant relationship

MONTIEL Grégory, University of Nantes (FR)
POUVREAU Jean-Bernard, University of Nantes (FR)

Ground floor meeting room - Maison de la Recherche

11:30 AM – 12:30 PM
Workshop

Parasitic plant

MONTIEL Grégory, University of Nantes (FR)
POUVREAU Jean-Bernard, University of Nantes (FR)

Rooms E228/E119 - Agrocampus Ouest

12:30 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 3:15 PM
Workshop

Parasitic plant

MONTIEL Grégory, University of Nantes (FR)
POUVREAU Jean-Bernard, University of Nantes (FR)

Rooms E228/E119 - Agrocampus Ouest

3:45 – 5:00 PM
Lecture

Parasitic plant

MONTIEL Grégory, University of Nantes (FR)
POUVREAU Jean-Bernard, University of Nantes (FR)

2nd floor - Maison de la recherche

THURSDAY 6TH JULY



9:00 AM – 10:30 PM
Lecture

Preparing a thesis in France **Roundtable with foreign students studying in Angers**

GULLY Kay, PhD student, IRHS – Angers (FR)
REDJALA Tanegmart, RFI Objectif Végétal, Angers (FR)
VERDIER Jérôme, Researcher, IRHS-INRA – Angers (FR)
WANG Ming, PhD student, IRHS – Angers (FR)

Ground floor meeting room – Maison de la Recherche

11:00 AM – 12:00 PM
Visit

General information for foreign students studying in France

DAVID Céline, SUIO-IP, University of Angers (FR)
TRICOIRE-LEIGNEL Hélène, International office of the University of Angers (FR)
TUDEAU Marie-Paule, International office of the University of Angers (FR)

SUIO-IP – La Passerelle

12:00 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 3:15 PM
Workshop

Quantitative Trait Loci

CELTON Jean-Marc, IRHS – University of Angers (FR)
KOUTOUAN Claude, IRHS – Angers (FR)

Room B201 – Agrocampus Ouest

3:45 – 5:00 PM
Workshop

Microarray analysis of transcriptomic data

MARC Mathieu, IRHS – Angers (FR)
ORSEL-BALDWIN Mathilde, IRHS-INRA – Angers (FR)

Room B201 – Agrocampus Ouest

7:00 PM
Social Activity

Summer Schools Challenge

FRIDAY 7TH JULY

9:00 AM – 12:00 PM
Workshop

Plant Quality Session 2:
Fruit: Post harvest quality
Analytical and sensory methods to assess fruit quality



DUFRECHOU Marie, GRAPPE – Angers (FR)
SYMONEAUX Ronan, GRAPPE – Angers (FR)

Meeting at ESA reception (55, rue Rabelais, Angers)

12:00 – 2:00 PM Lunch at ESA

2:00 – 3:30 PM
Lecture

Plant health Session 5:
Weed control in intercropping systems

HELLOU Guénaëlle, – ESA – Angers (FR)

Room at ESA

3:30 – 5:00 PM
Visit

Visit of field experiments at the FNAMS

HELLOU Guénaëlle, – ESA – Angers (FR)

FNAMS (Coach transport)

6:30 – 7:30 PM
Visit

Visit of Jean Lurçat tapestries

Social Activity

Museum Jean Lurçat – Boulevard Arago, Angers

Weekend 8TH – 9TH JULY

ATLANTIC COAST DAY

You will get groups ticket (5 persons), meaning you can hop on any regional trains (TER) during the weekend.

Travel time: around 90 min

Make sure to bring your swimsuit along!

Or you can go to the Atlantic Coast on the first weekend : 1st and 2nd of July



MONDAY 10TH JULY

9:00 – 10:15 AM
Lecture

Plant Quality Session 3:
Phenotyping for seed germination and study of plant resistance
Visit of the Phenoplant facilities



BOUREAU Tristan, IRHS – University of Angers (FR)

Ground floor meeting room – Maison de la Recherche

10:30 AM – 12:00 PM
Visit

Visit of SNES GEVES : Phenosem facilities

DEMILLY Didier, GEVES – Angers (FR)

Meeting at the GEVES-SNES reception

12:00 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Belle

2:00 – 3:15 PM
Workshop

Phenotyping
Image analysis and study of germination

Group A

DEMILLY Didier,
GEVES – Angers (FR)

Room B201 – Agrocampus
Ouest

Phenotyping
Quantification of disease severity using image analysis
Group B

BOUREAU Tristan, IRHS –
University of Angers (FR)

Room B202 – Agrocampus
Ouest

3:45 – 5:00 PM
Workshop

Phenotyping
Image analysis and study of germination

Group B

DEMILLY Didier,
GEVES – Angers (FR)

Room B201 – Agrocampus
Ouest

Phenotyping
Quantification of disease severity using image analysis
Group A

BOUREAU Tristan, IRHS –
University of Angers (FR)

Room B202 – Agrocampus
Ouest

TUESDAY 11TH JULY

9:00 AM – 12:30 PM
French class

French language class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Ground floor meeting room – Maison de la Recherche



12:30 – 2:00 PM

Lunch at cafeteria *L'Escale*
Campus Belle-Beille

2:00 – 5:30 PM
French class

French culture class

BAROUKI Charline, CeLFE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)

Ground floor meeting room – Maison de la Recherche

6:30 PM
Social Activity

Open-air evening

WEDNESDAY 12TH JULY

9:00 AM – 12:00 PM
Visit

Visit of ITEIPMAI : The French research institute for perfume, medicinal and aromatic plants

HIBRAND SAINT OYANT Laurence, IRHS-INRA – Angers (FR),
THOUROUDE Tatiana, IRHS-INRA – Angers (FR)

Escort by Confucius Institut



12:00 – 2:00 PM

Lunch (picnic) in a **rose garden (Rosier s/ Loire)**

2:00 – 5:00 PM
Visit

Visit of Vilmorin company

HIBRAND SAINT OYANT Laurence, IRHS-INRA – Angers (FR)
THOUROUDE Tatiana, IRHS-INRA – Angers (FR)

Escort by Confucius Institut

6:00 PM
Visit
Social Activity

Visit of a troglodyte village Diner at restaurant

THURSDAY 13TH JULY

9:00 – 10:15 AM
Lecture

Plant Quality Session 4 :
Apple breeding program

LAURENS François IRHS-INRA – Angers (FR)

Ground floor meeting room – Maison de la Recherche



10:30 AM – 12:00 PM
Visit

Visit of SNES GEVES : whole institute

GRIMAUULT Valérie, GEVES – Angers (FR)

12:00 – 2:00 PM

Lunch at Foyer David d'Angers
22 rue David d'Angers

2:00 – 4:30 PM
Visit

Visit of Terra Botanica
The only theme park in France which is devoted to plant life

4:30/5:00 PM
Social Activity

Closing ceremony of the Plant Science Summer School

SIMONEAU Philippe, University of Angers Research Vice-President
(FR)

Terra Botanica – Route d'Epiniard

Visit of laboratory LSV-ANSES

(National Laboratory of Plant health)
Tuesday 27th June 2017



The ANSES Plant Health Laboratory (LSV), located in Angers at the heart of a “competitiveness cluster with global reach in plant sciences”, today inaugurated its new building. This has been made possible thanks to funding from France's Ministry of Agriculture, the EU's Regional Development Fund (managed by the Prefecture of the Pays de la Loire Regional Council), the Maine et Loire Departmental Council and the Greater Angers Loire Métropole Area, and will provide the working conditions needed to enable this National Reference Laboratory to maintain the scope and reliability of its work. It offers staff optimum working conditions while blending

perfectly into the local environment. The new scientific area will be able to take in young researchers for training and welcome foreign delegations or staff from other national or European laboratories.

Just like humans and animals, plants can also be the victims of a range of pathogens (viruses, bacteria, parasitic worms, fungi), as well as of insect pests and invasive plants, with serious consequences both on the economics of crop production and on preservation of biodiversity. As the National Reference Laboratory for Plant Health, the LSV develops analytical and screening



methods and also undertakes research into regulated or emerging harmful organisms, to contribute to risk management in plant health. It provides technical and scientific support to government departments and participates in international scientific partnerships related to its missions. It coordinates a network of laboratories accredited to carry out official analyses concerning regulated diseases and organizes inter-laboratory proficiency tests to guarantee the network's reliability. The laboratory covers all disciplines relative to biological risks to plant health: virology, bacteriology, mycology, GMOs, nematology, entomology and invasive plants, as well as tropical pests and pathogens. It coordinates expert appraisals and risk assessment within its field of competence. It has a workforce of 80 people, spread over six separate sites. The headquarters of the LSV are in Angers, at the heart of a “competitiveness cluster with global reach in plant sciences”. This site, in close proximity to INRA, GEVES (1), INH (2), the Technopole House and the future Institut du Végétal, enables the laboratory to forge partnerships with both regional and national research institutes (INRA, universities, the doctoral school, GEVES-SNES, FREDON (3), professional organisations, etc.).

As a partner of the Végépolys competitiveness cluster, the laboratory is on the technical committee that is developing the “Plant Campus”, a project to bring all the existing research teams together to form a joint research unit under the Institut Fédératif de Recherche's QUASAV unit (4), in order to pool resources, develop partnerships and increase efficiency.

Visit of the CIRM-CFBP

(French Collection for Plant-associated Bacteria)
Tuesday 27th June 2017

The CIRM-CFBP, is a Biological Resource Center devoted to plant associated bacteria and certified ISO9001. It holds about 7000 accessions and its missions are:

- to preserve this biodiversity and associated data;
- to distribute the resources to the international scientific community for research, development and teaching;
- to valorize the resources



Visit of the National Museum of Natural History in Paris

Friday 30th June 2017

Le Jardin des Plantes is a great place right in the center of Paris, which stands out from the other capital's gardens by its big variety of plants and trees visitors can admire.

In the various alleys of the Botanical Garden, you will see plants from all over the world and from different climates. Rose garden, Iris garden, rock and peony garden, it is a pilgrimage through the biodiversity of our planet you will discover.

Three hectares are devoted to horticultural displays of decorative plants. An Alpine garden has 3000 species with world-wide representation. Specialized buildings, such as a large Art Deco winter garden, and Mexican and Australian hothouses display regional plants, not native to France. The Rose Garden, created in 1990, has hundreds of species of roses and rose trees.



Visit of the FNAMS

National Federation of multiplication farmers
Friday 7th July 2017



FNAMS

The FNAMS (National Federation of Seed Growers) is a professional organization specializing in the agricultural seed multiplication. It represents 19,000 farmers.

Visit of the laboratory of GEVES-SNES

Variety and seed study and inspection group
Monday 10th & Thursday 13th July 2017



GEVES is the French Group for the Study and Inspection of Varieties and Seeds. It is a Public Interest Group associated with INRA, the French Ministry of Agriculture and GNIS.

The main **official missions** of GEVES are to conduct studies for:

- the **registration** of all new **vegetal varieties** in the official catalogue
- the **legal protection** of plant breeders' rights
- the **certification of seeds** before their marketing, for the species submitted to statutory

certification.

To accomplish its missions, GEVES conducts activities such as:

- Description of varieties and evaluation of genetic progress
- Assessment of seed quality
- Methodological research
- Management of genetic resources
- Trainings
- International cooperation
- Leading of a national network of laboratories for seed analysis.
- Organization of inter-laboratory tests

GEVES offers a vast range of services within its fields of competences.



Objectives of applied research of varieties and seeds

- To develop and promote relevant methods of seed analysis and to study varieties adapted to the needs of the industry and to the regulations
- To identify needs using pertinent research tools from academic research
- To offer high level technical expertise in the variety and seed study field
- To provide knowledge and methods to other players in the sector
- To standardize and harmonize new methods on a national and international basis

Visit of the ITEPMAI

Tuesday 12th July 2017

<http://www.iteipmai.fr/en>



Visit of a rose garden (Rosier s/ Loire)

Tuesday 12th July 2017

<http://www.rosesloubert.com/welcome.htm>

Visit of VILMORIN Company

Wednesday 12th July 2017

Vilmorin SA is a French company specialized in the creation, production and marketing of vegetable seeds and tree seeds. Entirely dedicated to agricultural professionals, the company reaches a turnover of 141 million euros in 2014 - 2015 and has 750 employees worldwide. Vilmorin devotes 16% of its turnover to research. Its seed varieties are distributed across more than 100 countries. The world leader for carrots and witloof chicory, Vilmorin is also a major player in lettuce, elongated tomato and tree seeds.



Visit of Terra Botanica

Thursday 13th July 2017

In Angers, the plant-themed amusement park Terra Botanica reveals the secrets of six centuries of history, beginning with King René and his famous floral gardens. Gaze upon the riches of Anjou, the plant capital and the ancestral homeland of multiple cultures, and discover the world through the 275,000 plant species and exceptional collections of orchids, roses, palm trees... From giant greenhouses to lush gardens, paddy fields to marshes, generous kitchen gardens to dark primary forests, Mediterranean scenery to Oriental lands, set off for an unusual and colorful adventure!

A world of explorations and discoveries, Terra Botanica is also a fabulous playground full of games and entertainment: the Elves' Island with its hanging towers, dynamic 4D film screenings, rides in a tethered balloon or up in the treetops, scenic boat rides... Between fun adventures and botanical discoveries, with family or friends, children and grownups alike will find plenty to enjoy at the first theme park in Europe devoted to plant life.



The Plant Science Summer School is financially supported by the "RFI Végétal programme" (Research - Education - Innovation programme in Pays de la Loire), which is funded by the Région des Pays de la Loire, Angers Loire Métropole and the European Regional Development Fund"



objectif
végétal

Recherche, Formation & Innovation
en PAYS de la LOIRE

List of speakers

ANTON Sylvia, IGEPP-EGI-INRA – Angers (FR)
BAROUKI Charline, CeLFE – Angers (FR)
BERTHELOT Jessica, IRHS-INRA – Angers (FR)
BOUREAU Tristan, IRHS – University of Angers (FR)
BUCHER Etienne, IRHS-INRA – Angers (FR)
CAPUS Pauline, Végépolys – Angers (FR)
CARADEUC Mathieu, IRHS-INRA – Angers (FR)
CELTON Jean-Marc, IRHS – University of Angers (FR)
CESBRON Sophie, IRHS-INRA – Angers (FR)
CHEVASSUS-LOZZA Emmanuelle, Deputy director of Agrocampus Ouest, Angers (FR)
CREPEL Laurent, IRHS-Agrocampus Ouest – Angers (FR)
DAVID Céline, SUIO-IP, University of Angers (FR)
DEMILLY Didier, GEVES – Angers (FR)
DUFRECHOU Marie, GRAPPE – Angers (FR)
GADENNE Christophe, IGEPP-EGI-INRA – Angers (FR)
GAUCHER Matthieu, IRHS-INRA – Angers (FR)
GAUDIN Jonathan, INRA – Bordeaux (FR)
GENTIT Pascal, ANSES – Angers (FR)
GRIMAULT Valérie, GEVES – Angers (FR)
GULLY Kay, PhD student, IRHS – Angers (FR)
HELLOU Guénaëlle, ESA – Angers (FR)
HENRY Jean-Pierre, STAN Institute (FR)
HIBRAND SAINT OYANT Laurence, IRHS-INRA – Angers (FR)
HUCHE-THELIER Lydie, IRHS-INRA – Angers (FR)
JACQUES Marie-Agnès, Director of SFR Quasav – Angers (FR)
KOUTOUAN Claude, IRHS – Angers (FR)
LAURENS François, IRHS-INRA – Angers (FR)
LE SAUX Marion, IRHS-INRA – Angers (FR)
MARC Mathieu, IRHS – Angers (FR)
MAROLLEAU Brice, IRHS-INRA – Angers (FR)
MONTIEL Grégory, University of Nantes (FR)
MOREL-CHEVILLET Philippe, IRHS-INRA – Angers (FR)
ORSEL-BALDWIN Mathilde, IRHS-INRA – Angers (FR)
POLIAKOFF Françoise, ANSES – Angers (FR)
PORTIER Perrine, IRHS-INRA – Angers (FR)
POUPARD Pascal, IRHS-University of d'Angers (FR)
POUVREAU Jean-Bernard, University of Nantes (FR)
QUERO Carmen, Institute of Advanced Chemistry of Catalonia (SP)
REDJALA Tanegmart, RFI Objectif Végétal, Angers (FR)
SIMONEAU Philippe, University of Angers (FR)
SYMONEAUX Ronan, GRAPPE – Angers (FR)
THOMAS Caroline, CeLFE – Angers (FR)
THOUROUDE Tatiana, IRHS-INRA – Angers (FR)
TRICOIRE-LEIGNEL Hélène, International office of the University of Angers (FR)
TUDEAU Marie-Paule, International office of the University of Angers (FR)
VERDIER Jérôme, Researcher, IRHS-INRA – Angers (FR)
VURRO Maurizio, National Research Council (IT)
WANG Ming, PhD student, IRHS – Angers (FR)
WARNEYS Romain, IRHS – Angers (FR)

PLANT SCIENCE SUMMER SCHOOL - 2017

Profile of participants

