



SUMMER SCHOOLS

UNIVERSITY OF
ANGERS - FRANCE

*Share your knowledge with international researchers
and students from different countries and cultures.*

| *Plant science*

27th June to 8th July 2016

The other schools :

Research

Vascular

Bioinformatics

Enfance et bien-être

www.summerschools.univ-angers.fr

ANGERS

SUMMER SCHOOLS ANGERS 2016

- Angers is a **beautiful medieval city** located in western France, in the Loire Valley, which is a UNESCO World Heritage Site, famous for its wines and castles. Angers has a unique 12th century fortress and the world's largest medieval tapestry.

Regularly acknowledged in the national press as one of the leading cities in France for its quality of life and respect for the environment, Angers has now received the first award as "the greenest city in France".

With more than 30,000 students every year, in an urban area of 250,000, Angers offers a very dynamic lifestyle with frequent cultural events and festivals all year round.

The famous "Tour de France" will pass through Angers during the Summer Schools. Participants will have the chance to enjoy this unique event !

Our Summer Schools

The program of our Summer Schools brings together innovative teaching and research excellence to allow participating students to experience first hand the methods and practice of research in a variety of fields.

The two week (60h) or one week (30h) programs include lectures by international researchers (max. one hour) followed by questions and discussion, workshops with small groups of students, visits to research institutions and for some students, oral presentations on selected topics.



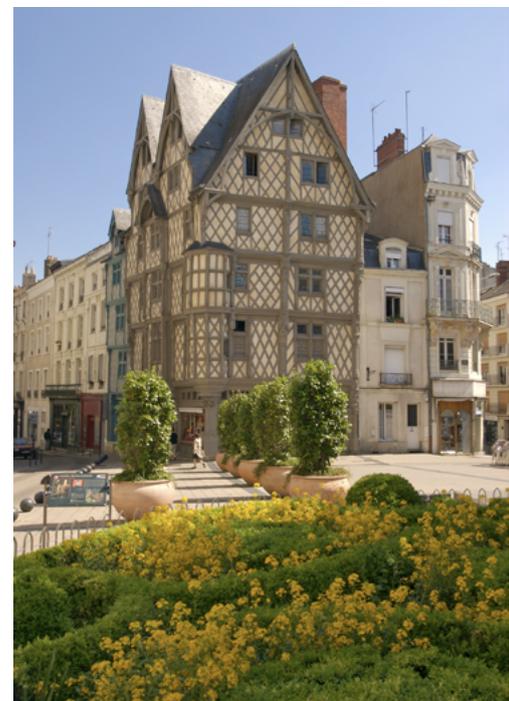
The University of Angers

The University of Angers, which dates back to the Middle Ages, is known for the quality of its research and the success of its students, both in their studies and in their careers.

As a public, comprehensive university, a broad spectrum of fields is covered, but several have become internationally acclaimed, such as plant science and health sciences.

"I gained a lot of insight into areas I am unfamiliar."

Brandon Binnie, University of Melbourne, Australia, 20 y.o, RSSA.



PLANT SCIENCE

SUMMER SCHOOLS ANGERS 2016

2nd Edition

27th June – 8th July 2016

Faculty of Sciences

University of Angers



Presentation

This program will provide the students with insight into new developments in plant science research.

The purpose is to give students the opportunity to be exposed to multidisciplinary approaches in the field of sustainable management of plant health and quality.

Workshops

The program relies on interactive classes and hands-on activities. Several workshops are organized, among them:

- "qPFD : an innovative device for screening and evaluating plant elicitors",
- "In Silico design of plant pathogen identification tests",
- "Macroscopic and microscopic observations of medicinal plants",
- "Genetic determinism of QTL",
- "Rose phenotyping and genotyping",
- "Transcriptomic data analysis",
- "Analytical methods for assessing fruit quality",
- "Biological data analysis : plant phenotyping".

Participants will have access to the 11th meeting of the SFBV (French Society of Plant Biology).

Visits of international research institutes

- GEVES lab (the French Group for the Study and Inspection of Varieties and Seeds)
- LSV-ANSES (Plant Health Laboratory)
- CIRM-CFBP (French Collection of Bacteria associated to Plants)
- ITEIPMAI (Institute for medicinal and aromatic plants)
- VILLEMORIN site company
- Museum of Natural History (Paris)

Sessions

Plenary conference by a renowned professor

- 1 - Plant defense stimulation, plant protection and plant memory
- 2 - Genomic and Bacterial diagnostic
- 3 - Weed control in intercropping systems
- 4 - Physiology and Nutritional Quality of seeds
- 5 - Post-harvest fruit quality management
- 6 - Parasitic plants

Invited speakers

- I. Toth, James Hutton Institute, UK
- K. Gallardo, INRA Dijon, FR
- D. Jamar, CRA-W, BE
- M. Orsel, INRA Angers, FR
- H. Bouwmeester, Wageningen, NL

Criteria

The program is open to undergraduate students in the fields of agriculture, plant science and biological science who may be interested in pursuing Ph.D. programs and envision a career in plant science/ agriculture.

A certificate of attendance and 6 ECTS will be delivered at the end of the courses.

PRACTICAL INFORMATION

SUMMER SCHOOLS ANGERS 2016

■ Admission criteria

The selection of students will be made based on motivation, level of English and previous scientific experience, if any.

■ Application procedure

There is a specific application form for each school.
It is available on the page of the concerned school.
The number of places is limited to 35 participants for each school.

Deadline to apply : 15th April 2016

■ Fees

Research, Vascular, Bioinformatics, Plant Science :

€650 until the 13th of March

€750 after this date

Well-being of children :

€400 until the 13th of March

€500 after this date

Specific fees for professionals :

€500 for professionals from Angers

€800 for others

Fees include : tuition, accommodation, lunches, scheduled excursions and extracurricular activities during the course.

Fees don't include : costs of passport, visa, health insurance, travel to and from Angers

■ Social activities

Our Summer Schools not only offer you a fine selection of interesting courses and scientific visits, they also aim at giving their participants an unforgettable stay in France.

Therefore we offer all of our participants an attractive social program, including excursions, sport, social gathering and festivities...The perfect setting for you to get to know one another ! A few examples of activities : welcome barbecue, kayak session, day trip on the Atlantic coast...

These activities are mainly free, or cost no more than 5 euros.

■ Housing, catering and transport

Fully furnished single rooms with bathrooms and showers.

There are several kitchens on each floor that you will share with other students.

You will get a bike and a tramway/bus pass for the length of your stay for free.

By bike, the student residence is about 5 minutes from the city centre and 15 minutes from the University.

A group of students will be in charge of taking care of you during your whole stay and organize some great activities.





Further information :
summerschools@univ-angers.fr



www.summerschools.univ-angers.fr

