

Ad hoc support : MISTRAL

Summer school on ion and water transportation plants

ABSTRACT

MISTRAL is a summer school for PhD students and post-doctorates whose didactic program concerns the study of the molecular mechanisms ensuring and regulating the transport of water and nutrient ions (nitrate, phosphate, potassium, iron, heavy metals, ...) in plants, and the roles of these mechanisms in the adaptation of the plant to its abiotic environment (nutritional deficiencies, water stress ...) and in communication with the beneficial micro-organisms of the soil (root symbiosis).

The aim of this school is to train PhD students and post-doctorates in theory and analysis techniques for studying the function of ion and water transport in plants.

In addition, MISTRAL aims at:

- i) foster meetings and exchanges between researchers and between young scientists and researchers,
- ii) promote the sharing of knowledge and technologies,
- iii) train young scientists (French, Europeans, Asian ...)
- iv) promote bilateral collaborations between countries
- (v) develop scientific networks and
- (vi) promote BPMP visibility abroad.

MISTRAL is organized every two years since 2012, and as in the previous editions, this year will include teachers from different French (see above), European (Italy, UK), and Japanese Universities, who will participate with courses, conferences or supervising practical work.

Year : 2019

Project number : 1900-021

Type of funding : SP

Project type : PC

Research units in the network :

Start date : 2020-01-01

End date : 2020-08-31

Flagship project : no

Project leader : Anne-liénor Very

Project leader's institution : CNRS

Project leader's RU : BPMP

Budget allocated : 3000 €

Total budget allocated (including co-financing) : 45836 €

Funding : labex