



TULIP 2019 Summer School PROGRAM

Sunday July 07th

- 08:30 - 09:00 Introduction by D. Roby & E. Danchin (Labex TULIP Coordinators)
09:00 - 09:30 Summer school participant presentation
09:30 - 10:00 Coffee break
10:00 - 11:45 **Yves Mauffette** (Université du Québec à Montréal, Canada)
« Teaching and learning in higher education: upcoming challenges for the 21st century »
11:45 - 12:00 Workshop-projects: introduction
12:00 - 14:00 Lunch break
14:00 - 18:00 Workshop - projects
18:30 - 19:00 **Fabrice Roux**
« The genetics of plant-plant interactions: from community ecology to molecular biology »

Monday July 08th

- 08:30 - 10:00 **Marc Knight** (Durham University, United Kingdom)
« Calcium signalling in plants responding to stresses »
10:00 - 10:30 Coffee break
10:30 - 12:00 **Philippe Reymond** (Lausanne University, Switzerland)
« Molecular interactions between plants and insect herbivores »
12:00 - 14:00 Lunch break
14:00 - 18:30 Workshop - projects
18:30 - 19:00 **Olivier Rey**
« Deciphering the adaptive responses of corals to the anthropocen: an integrative approach »

Tuesday July 09th

- 08:30 - 17:30 Whole day of hiking in the French Pyrenees and Pic du Midi

Wednesday July 10th

- 08:30 - 10:00 **Yuling Bai** (Wageningen University & Research, Netherlands)
« Plant responses to combined biotic and abiotic stresses: tomato as an example »
10:00 - 10:30 Coffee break
10:30 - 12:00 **Andrew Beckerman** (University of Sheffield, UK)
« Food webs, foraging biology and multiple threats to ecosystems: why mechanism matters »
12:00 - 14:00 Lunch break
14:00 - 17:30 Workshop - projects
17:30 - 19:00 **TULIP stories & careers** - R. Peyraud, J. Subrahmaniam, A. Sentis

Thursday July 11th

- 08:30 - 10:00 **Hanna Kokko** (University of Zurich, Switzerland)
« Some stories about theoreticians' intuitions, model building, senescence and sex »
10:00 - 12:00 Workshop - projects
12:00 - 14:00 Lunch break
14:00 - 19:00 Project presentation
21:00 - Festive evening

Friday July 12th

- 07:15 - 09:30 Travel from Ramonjuan to Moulis
09:30 - 10:30 SETE lab presentation
10:30 - 11:30 SETE visit (caves, metaquatron, IRM & metatron)
12:00 - 13:00 Lunch
13:30 - 15:00 Travel to Inra Auzeville campus
15:00 - 15:30 CNRGV visit
15:30 - 17:00 Visit of TRI Imaging & Toulouse Plant Microbe Phenotyping platforms