



# TULIP 2016 Summer School PROGRAM

## Sunday 10 July

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- 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 (Quebec University, Montréal, Canada) - « *Teaching science in PBL : a student centered approach* »  
11:45 - 12:00 Workshop-projects: introduction  
12:00 - 14:00 Lunch break  
14:00 - 14:30 Constitution of the student groups  
14:30 - 18:00 Workshop - projects  
18:30 - 19:00 Maxime Bonhomme - « *Does selection act on gene networks ? A case study in the model plant *Medicago truncatula** »

## Monday 11 July

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- 08:30 - 10:00 Robert Ricklefs (University of Missouri, St. Louis) - « *Species richness in ecological communities : patterns and process* »  
10:00 - 10:30 Coffee break  
10:30 - 12:00 Sofia Goormachtig (VIB, Belgium) - « *Strigolactone signaling in the root and rhizosphere* »  
12:00 - 14:00 Lunch break  
14:00 - 18:30 Workshop – projects  
18:30 - 19:00 Fabrice Roux - « *Tracking the genetic basis of contemporary evolution in a spatially heterogeneous environment* »

## Tuesday 12 July (switchable with Wednesday – depending on weather)

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- 08h30 - 18h00 Whole day of hiking in the French Pyrenees and Pic du Midi

## Wednesday 13 July

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- 08:30 - 10:00 Paul Schulze-Lefert (Max Planck Institute, Cologne, Germany) - « *Reductionist approaches to explore functions of the plant microbiota* »  
10:00 - 10:30 Coffee break  
10:30 - 12:00 Tom Van Dooren (CNRS iEES Paris) - « *Adaptation and climate change* »  
12:00 - 14:00 Lunch break  
14:00 - 19:00 Workshop - projects  
19:00 - 19:30 Monique Gardes - « *Career & opportunities* »

## Thursday 14 July

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- 08:30 - 10:00 Robert D. Holt (University of Florida, Florida) - « *The contingent nature of interspecific interactions* »  
10:00 - 12:00 Workshop - projects  
12:00 - 14:00 Lunch break  
14:00 - 19:00 Project presentation  
21:00 - Festive evening

## Friday 15 July

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- 07:30 - 09:30 Bus ride to Moulis  
09:30 - 11:30 Visit of the experimental station of Moulis, its cave & metatron  
11:30 - 13:00 Lunch break  
13:00 - 14:40 Bus ride to Toulouse  
14:40 - 17:00 Visit of Auzeville labs and facilities