



# Ecological and evolutionary plant breeding for sustainability: Concepts of Darwinian Agriculture

15 – 21 July 2024  
Institut Agro Montpellier  
France  
ELLS Summer School

## WHO CAN JOIN?

PhD and MSc students in plant breeding, ecology and plant sciences

## SCOPE:

An introduction to the key concepts, theories, and cutting-edge techniques in Darwinian Agriculture and plant breeding, along with its potential applications in contemporary agricultural practices. This program explores the domain of agroecology, outlining its fundamental concepts and emphasizing the intricate interrelationship between ecology and genetics

## COURSE SET-UP

Introduction to theoretical concepts (e.g., game theory), hands-on activity on plant interactions, field trip in Camargue, seminars. Some online preparatory study activities will be required from participants, starting in May 2024.

## KEY WORDS:

Plant ideotypes, social traits, intra/interspecific interactions, game theories, evolution, digital breeding, sustainability.

## APPLICATION:



### DEADLINE:

April 15th, 2024

## CONTACT US:

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## PARTNERS: