



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 30th, 2024

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PARTNERS: