

- ONLINE TRAINING COURSE -

Invitation to the second **ECOBREED**

Workshop

on

Advanced Genotyping

June 21-25, 2021

We are proud to announce the second **ECOBREED Workshop on Advanced Genotyping** that will take place online on June 21 through June 25, 2021! The online training course is organized by the Tuscia University, Viterbo, Italy, the SAFE-Med and the ECOBREED project.

In a five-day intensive training course, we will present you an overview of the common advanced genotyping techniques and how to transfer them into breeding practices with an emphasis on organic production. The course is an excellent opportunity not only to obtain basic and advanced knowledge, but also to train on practical aspects and laboratory/field activities as the program consists of lectures and demonstrations, which require active participation. The following topics will be covered:

- basis of genotyping,
- markers,
- MAS,
- SNP,
- drift,
- natural selection,
- population structure,
- ideotypes for organic farming systems,
- association mapping,
- GWAS,
- NGS,
- mapping-by-sequencing,



- HRM,
- tilling,
- CRISP-Cas9 transformation,
- epi-breeding,
- mass spectrometry,
- biostatistics.

More information about the program is available at: [DAFNE - Training Course on Advanced Genotyping \(unitus.it\)](#). The training course will be held in English and the training material will be provided for registered participants.

In case you are interested in attending the online school, please register yourself via email pagnotta.lab@gmail.com using the [Information Consent](#) and the [Registration Form](#).

The training course is limited to maximum 50 participants and the registration should be done by June 10th. Priority will be given to those who apply earlier and participants coming from countries with limited organic agriculture.

Instructions for connecting to the Zoom platform will be sent to registered participants prior to the event. Any cancellation of registration must be sent in written form by e-mail to pagnotta.lab@gmail.com.

Information Sheet for Voluntary Participation in ECOBREED Training Course [Event](#).