



II SPANISH SYMPOSIUM
ON PHYSIOLOGY AND
BREEDING OF CEREALS
CORDOBA 6-7 MARCH 2019

Second Spanish Symposium on Cereal Physiology and Breeding, Cordoba, Spain, 06-07 March, 2019

<http://sefimec.csic.es/en/>

#SEFiMeC on Twitter

“The Second Spanish Symposium on Cereal Physiology and Breeding (SEFiMeC) is organized within the framework of the Network of Scientific Excellence FiRCMe (Physiology of Yield and Quality for Cereal Breeding) funded by the Spanish Ministry of Education, Science and Universities linking some of the Spanish groups of international prestige in physiology and/or genetic/cereal breeding. The primary objective of the Network is to generate activities that maximize opportunities to understand the physiological and genetic determinants of yield (both potential and under adverse conditions) and quality (both functional and nutritional) of major cereals and thus contribute to genetic improvement. To do this, the network carries out actions that promote communication, research, and internationalization of research groups.”

The following are abstracts for oat-related presentations at the conference:

- [Digital image analysis for high throughput phenotyping of powdery mildew resistance in oats](#) - *L. Gallego, G. Montilla, E. Prats*
- [Physiological and anatomical root traits conditioning drought tolerance in oats](#) - *F. J. Canales Castilla, N. Risipail, O. García-Tejera, A. Pérez de Luque, and E. Prats*
- [Breeding resilience oats in Mediterranean environments through phenotyping and modelling approaches](#) - *F. J. Canales, G. Montilla-Bascón, L. Gallego-Sánchez, N. Risipail, E. Prats*
- [Unravelling genetic diversity of Mediterranean oats \(*Avena sativa*\) by population genomics](#) - *F. J. Canales, G. Montilla-Bascón, W. A. Bekele, C. Howarth, T. Langdon, N. Risipail, N. Tinker, E. Prats*
- [Use of models to evaluate plasticity of oat agronomic traits and their association with environmental variables](#) - *N. Risipail, G. Montilla-Bascón, F. Flores, C. Howarth, T. Langdon, E. Prats*
- [Oats safe for celiac patients: Breeding approach](#) - *M.J. Giménez, A. Martínez, F. Barro*