



# CALL FOR PAPERS

**ICMLMPS 2020**  
**May 22-23, 2020**  
**Barcelona, Spain**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICMLMPS 2020 : International Conference on Machine Learning Methods in Plant Science is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Machine Learning Methods in Plant Science. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Machine learning in plant science  
Machine learning techniques in  
plant biology  
Machine learning in crop  
improvement  
Machine learning in nutrigenomics  
Machine learning in biochemical  
engineering  
Machine learning in plant  
biotechnology  
Agricultural bioinformatics and  
smart farming

Machine learning for big data  
analytics in plants  
Deep learning for plant  
identification in natural  
environment  
Deep learning for image-based plant  
disease detection  
Machine learning-based models,  
software packages and web servers  
for specific prediction problems in  
plants  
Development of novel models,  
software packages and web servers  
for specific prediction problems in  
plants  
Development of biological databases  
with machine learning-based  
predictions and experimental data