



Master project 2021-2022

Personal Information

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Group	Plant Genetics and Genomics

Project

Computational genomics

Project Title:

Machine learning methods in plant genomics

Keywords:

Machine learning, Deep Neural Networks, RNA-seq

Summary:

The team is looking for a high motivated student to confront questions in different areas of machine learning for biology under the supervision of two bioinformaticians, members of the research team. The student will be able to join in one or more of the following projects: - Image Segmentation and analysis through deep neural networks - Pedigree reconstruction through graph flow and relationship building - RNA-seq analysis and differential expression in peach

Expected skills::

Python and R programming, interest in machine learning

Possibility of funding::

No

Possible continuity with PhD: :

To be discussed
