Image Processing Techniques with MATLAB for Agriculture

Instructor:
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Time: Summer Term 2017

Delivery: This module will be comprised of 6 weeks of 2 hour lectures/labs dealing with basics of Programming in MATLAB and image processing tool box.

Background

This module will introduce graduate students in agriculture to the syntax of MATLAB. Particular topics include applications of programming in Matlab, interfacing, image and data processing. The module ends with project work and report submission by each student, aiming at solving a problem related to his/her thesis.

Evaluation: Assessment of this module will be in lab coding, the form of weekly assignments and a single report to be submitted at the end of module.

- Laboratory exercise coding (20 %);
- Weekly assignment (30 %); and
- Individual project work (includes presentation and report) (50 %).

Prerequisites:
Enrollment in graduate program