

Robotic Technologies for Automated High-throughput Plant Phenotyping

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In this presentation, a review related to applying robotic and imaging technologies for high-throughput plant phenotyping will be outlined. The speech will be in a close connection to presenter's research experience in developing automated imaging and sensing systems for high-throughput plant phenotyping in both indoor and outdoor settings. Along with some highlights of successful applications, more importantly, this presentation will lead to a discussion about the remaining technological challenges and obstacles in the area of high-throughput phenotyping.