

## **Dr. Ian Stavness Biography**

Dr. Stavness (Computer Science and Plant Phenotyping and Imaging Research Centre, University of Saskatchewan) leads the Data Analysis for Rapid Plant Phenotyping project of the Plant Phenotyping and Imaging Research Centre at the USask. His research group is at the forefront of applying deep learning methods to image-based plant phenotyping. His team also has experience collecting, organizing and analyzing field images of plants and crops. More broadly, Ian's research involves imaging and modeling across a range of applications in biomechanics and biomedical engineering. He was one of the developers of the *Deep Plant Phenomics* platform (Ubbens and Stavness, 2017), and presented details of the DPP at the recent Phenome 2018 conference.