Welcome to the Future: Application of Genomics Technology to Wheat Improvement

This presentation will focus on advances in genomic resources in wheat and their application to wheat improvement programs. Emphasis will be on the application of these resources to support selection for selection of agronomic traits relevant to wheat improvement under Canadian production systems. Specifically, the presentation will focus on the development and comparative analyses of multiple wheat genome assemblies, and using these to clone novel insect resistance genes to support cultivar improvement.