

AOWC 2024 Oral presentations:

Session 1:

Boundy, L. "[Sustainability as viewed by a farmer and grain merchant](#)"

DeBliek, E. and Kennedy, O. "[Sustainability Initiatives at Grain Millers](#)"

Miller, S. "[Sustainability of Canadian oats](#)"

Rabaey, T. and Ferguson, M. "[Sustainability across the oat value chain](#)"

Tout, N. "[Carbon Life Cycle Analysis of Canadian Field Crops](#)"

Session 2:

Diederichsen, A., *et al.* "[Challenges and opportunities of oat genetic resources at the Canadian national genebank, Plant Gene Resources of Canada](#)"

Mehtab-Singh, *et al.* "Towards CRISPR/CAS9-mediated fine-tuning of flowering time in oats: a novel tool for plant breeders"

Tinker, N., *et al.* "[Thirty years of oat genomics - Out of the woods, into the field \(?\)](#)"

Session 3:

Acosta, C. "[2026 International Oat Conference](#)"

von Baer, K. "[Latin American oat market](#)"

Session 4:

Carlson, C., *et al.* "[Hyper-resolution phenomics facilitates the genomic characterization of seedling growth in response to drought stress in the Oat Landrace Diversity \(OLD\) Panel](#)"

Ferré, C., *et al.* "[Understanding the role of root, stem and leaf characteristics on oat lodging](#)"

Howarth, C., *et al.* "[Vernalization in winter oats](#)"

May, W. and Willenborg, C. "[Competitive ability of oat cultivars](#)"

Session 5:

Chowdhury, R.N., *et al.* "[What are the most effective markers for identifying the presence of 19 Pc genes in oat germplasm?](#)"

Eckstein, P., *et al.* "[Oat Leaf Blotch remover can be found in aisle 1D](#)"

Kianian, S., *et al.* "[Oat crown rust: Understanding and managing a shifty enemy in the era of genomics](#)"

Yimer, B., *et al.* "[Oat bacterial blight caused by *Pseudomonas coronafaciens* in Idaho](#)"

Session 6:

Adewale, S. and Babar, Md.A. "[Training set optimization and genomic prediction to improve selection efficiency for oat biomass yield in the Southern US](#)"

Bekele, W., *et al.* "[Oat genomics R&D activities at AAFC](#)"

Fiedler, J. "[Genotyping platform development to support oat genomics](#)"

Harrison, S. and Beattie, A. "[Beyond milling – The other uses of oat](#)"

Oliveira, G., *et al.* "[Can GWAS information be used to develop higher-yield oat varieties? A case study in the SDSU Oat Breeding Program](#)"

Yan, W., *et al.* "[A 6-year head-to-head comparison of genomic selection versus visual selection in oat breeding for Eastern Canada](#)"

Session 7:

Hu, X. and Dong, R. "[Distribution of trigonelline in oat groats and its preventing high-fat-diet induced muscular dysfunction mechanism in mice](#)"

Izydorczyk, M.S. "[Composition and techno-functional properties of oat bran from Canadian oat varieties](#)"

Malalgoda, M. "[Assessing the impact of genotype x environment on oat protein isolate structure-function characteristics](#)"