



# ONT Ultra-long Sequencing and Applications

Thursday, April 4, 2024

12:00-4:00pm ET

Sponsored: UCSC Sequencing Technology Center & ONT

## Introduction and Welcome

12:00-12:05 Karen Miga and Adam Phillippy

## Short talks

12:05-12:25 Inswasti (“Ninin”) Cahyani, *“Ultra-long sequencing and development in Nottingham”*

12:25-12:45 Kendra Hoekzema, *“Ultra-Long ONT sequencing at UW”*

12:45-1:05 Brandy McNulty, *“ONT sequencing and development at UCSC”*

1:05-1:25 Alexander Wittenberg, *“Crop genome sequencing challenges & opportunities”*

1:25-1:40 *Short Break*

## Lightning talks: Round 1

Welcome Back/Introduction: Karen Miga and Adam Phillippy

1:40-1:50 Shelise Brooks, *“Ultra-Long Oxford Nanopore Sequencing at NISC”*

1:50-2:00 Nivesh Jain, *“Ultra-Long Sequencing at the Vertebrate Genome Lab”*

2:00-2:10 Patrick Grady, *“The Weird Genomes Rollercoaster: “Ultra”-Long Reads as the Foundation of Success in Widely Diverse Assemblies”*

2:10-2:30 Q/A for Lightning Talk Speakers

2:30-2:45 *Short Break*

## Lightning Talks: Round 2

Welcome Back/Introduction: Karen Miga and Adam Phillippy

2:45-2:55 Kristen Kuhn, *“Ultra-long sequencing experiences with a variety of mammalian sample types”*

2:55-3:05 Sara Goodwin, *“The longer the better: optimizing read-length in non-human samples.”*

3:05-3:15 Monika Cechova, *“The utility of ultra-long reads in satellite DNA and T2T assemblies”*

3:15-3:35 Q/A for Lightning Talk Speakers

## Open Mic Q&A Discussions

Introduction: Karen Miga and Adam Phillippy

3:35-4:00 Brandy McNulty, Kristen Kuhn, Sean McKenzie, Androo Markham, Jeannie Mounger