



29<sup>th</sup> November 2023-06:00-9:10 UTC  
Research Seminar



Forest Phenotyping  
Working Group

## 2023 Research Seminar of Forest Phenotyping Working Group for IPPN (International Plant Phenotyping Network)

### The invited speakers

**Opening Remarks: Lin Cao (Chair)** Time: 06:00-06:10 UTC



**Olivia Waite** Time: 06:10-06:40 UTC

The University of British Columbia

**Phenotyping coastal Douglas-fir progeny trials with drone-mounted multispectral, thermal, and LiDAR sensors**



**Samuel Grubinger** Time: 06:40-07:10 UTC

The University of British Columbia

**Drone remote sensing of local adaptation to climate in interior spruce provenance trials**



**Xinlian Liang** Time: 07:10-07:40 UTC

Wuhan University

**Forest phenotypic traits estimation from the close-range sensing**



**Shichao Jin** Time: 07:40-08:10 UTC

Nanjing Agricultural University

**3D Plant Phenomics for Interdisciplinary Studies**



**Wei Yao** Time: 08:10-08:40 UTC

The Hong Kong Polytechnic University

**High-confidence fusion of aerial-ground multi-source data for scene-realistic 3D forest phenotyping**



**Tianxiang Cui** Time: 08:40-09:10 UTC

Nanjing Forestry University

**Tracking photosynthesis with solar-induced chlorophyll fluorescence**