Tab 2

**List of SPRUCE Posters**

| **#** | **Poster Title** | **Presenter** |
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| 1 | The SPRUCE Sample Archive - Organization, Availability, and Citation | Joshua Birkebak |
| 2 | Still better than a warehouse: A SPRUCE operations retrospective | Kyle Pearson |
| 3 | Field performance of the SPRUCE whole-ecosystem warming facility for tall-stature peatland vegetation | Mark Guilliams |
| 4 | Data management snapshot: Dataset statistics, SPRUCE closeout, and data provider resources | Tom Ruggles |
| 5 | A physical theory of eddy covariance for measuring Earth-atmosphere mass and energy exchanges | Lianhong Gu |
| 6 | How climate change impacts peatland water table feedbacks | Colin McCarter |
| 7 | Phenological responses to warming: SPRUCE results through 2024 | Perry Giambuzzi |
| 8 | Impacts of temperature and CO2 on root traits and ergosterol from SPRUCE ingrowth cores (2023-2024) | Kathleen Coffman |
| 9 | Peatland shrub roots increase resource acquisition with warming | Avni Malhotra |
| 10 | Warming and CO2 effects on conifer reproduction | Jalene LaMontagne |
| 11 | Characterizing relationships between conifer growth metrics and microtopography in a whole ecosystem peatland warming experiment | James Hada |
| 12 | Modelling hydraulics of boreal peatland conifer species | Yanjun Song |
| 13 | Woody physiology updates | Jeff Warren |
| 14 | Moss uncovered: Discoveries to date and the road ahead | David Weston |
| 15 | Inferring C and N dynamics from foliar isotopes | Erik Hobbie |
| 16 | Dark fenton reactive oxygen species generation in an experimentally warmed bog | Maricia Pacheco |
| 17 | Simulated climate change alters sulfur speciation in peatlands: Soil becomes more oxidized while outflow becomes more chemically reduced | Brandy Toner |
| 18 | Impacts of filtration on mercury analysis of porewaters | Cole Stenberg |
| 19 | 14C and 13C of emitted CO2 and CH4 and peat at SPRUCE | Karis McFarlane |
| 20 | The Regulatory Role of Phenolic Compounds in Peat Decomposition | Alexis Slentz |
| 21 | Response of redox-active organic matter reduction to long-term climate change manipulations in a boreal peatland | Jessica Rush (virtual) & Jason Keller |
| 22 | Bacterial and fungal responses to warming and elevated CO2 | Xiaofeng Xu |
| 23 | Microbial decomposition dynamics in a northern peatland under combined climate stressors: Warming and drought | Katherine Duchesneau |
| 24 | Drought-induced peatland carbon loss exacerbated by elevated CO2 and warming | Lifen Jiang |
| 25 | Elevated CO2 alleviates positive feedback between warming and methane emissions in a peatland | Weinan Chen |