



Organizers: SRIS Tohoku Univ., QST, PhoSIC, A-Sync



Tohoku Univ. SRIS NanoTerasu Seminar

# The 6<sup>th</sup> NanoTerasu & Life Science: International network in agriculture

January 26, 2026 (Mon) 16:00-17:45

Hybrid  
Event

A preceding event of  
Tohoku Forum for Creativity Thematic Program 2026  
"Towards New Scientific Horizons with Synchrotron Radiation"

Everyone is  
welcome to  
participate!!

This seminar series aims to remove barriers to using NanoTerasu and to consider its effective use for developing society and science. This time, we will focus on the international network in the fields of agriculture and and life science. We invite experts from Canadian Light Source to discuss further utilization of NanoTerasu.

**Venue** SRIS Building (Aobayama New Campus, Tohoku Univ.)

※ Online attendees will receive a zoom link after registration.

16:00- **Masahiko Harata** (SRIS, Tohoku Univ.)

Introduction: contribution of SRIS and A-Sync to PALSA  
(**P**artnership of **A**dvanced **L**ight **S**ources for **A**griculture)

16:20- **Tom Regier** (Canadian Light Source)

Microscale mapping and carbon speciation on intact soil cores

17:00- **Jarvis Stobbs** (Canadian Light Source)

Soft materials, hard problems, and the strategic support group:  
navigating beamlines, enabling multimodal imaging, and tackling  
big data in agricultural CT

17:40- **Kiyoshi Kanie** (SRIS, Tohoku Univ.)

Closing Remarks

Through cutting-edge examples of synchrotron radiation measurements in the fields of agriculture and life sciences, we will discuss the future utilization of NanoTerasu. We will also provide an open discussion session for exchanging opinions on how to use NanoTerasu in academic researches and industry-academia collaborations.

## Registration

Please register using the QR code (right) or following link:

<https://forms.gle/uxT1Qdfz5fkqeAYc7>



Registration ↑



TOHOKU FORUM for CREATIVITY