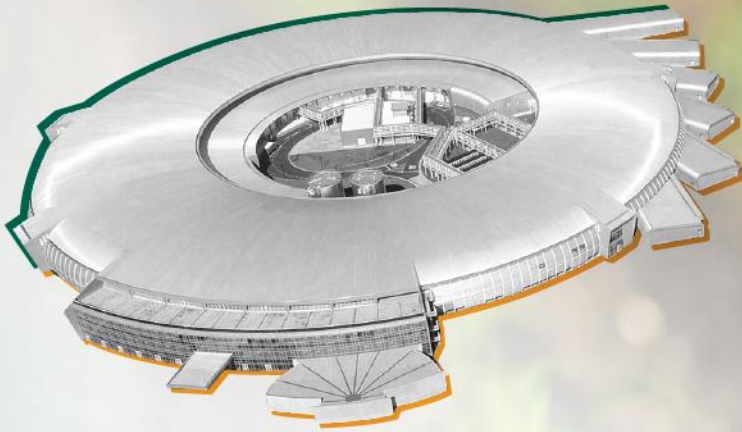


SPONSORSHIP
PROPOSAL



3rd agroenviro workshop

5-6 October 2022

Sirius, Campinas-SP, Brazil



MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÕES



Dear Mr./Ms.,

The **Brazilian Synchrotron Light Laboratory (LNLS)**, part of the **Brazilian Center for Research in Energy and Materials (CNPEM)**, will hold the 3rd Annual **AgroEnviro Workshop – Rhizosphere and Hyphosphere Processes Affecting Phosphorus, Carbon, and Nutrient Cycling** from **5-6 October 2022** in Campinas-SP, Brazil.

The LNLS/CNPEM AgroEnviro Workshop brings together diverse scientists with interest and expertise on topics of critical importance to the **sustainability of agriculture and environmental stewardship**. It will focus on **rhizosphere and hyphosphere biogeochemical processes** that affect cycling of soil phosphorus, carbon, and other nutrients.

The workshop objectives are to reveal critical gaps in mechanistic knowledge about the soil-rhizosphere-plant root system, and to enlighten the audience on ongoing and potential uses of synchrotron techniques at Sirius for scientific discoveries that help fill these knowledge gaps.

All information about the event can be found at the event website:
<https://pages.cnpem.br/agroenviro/>.

We cordially invite your company to announce products and services during the 3rd AgroEnviro Workshop by choosing the sponsorship package that best fits your company strategies and profile.

This year's edition will be the first to be held at the Sirius building,
at CNPEM campus, in Campinas-SP.



CNPEM campus, February 2020.



The experimental hall, July 2021.

Tentative Program

Rhizosphere and Hyphosphere Processes Affecting Phosphorus, Carbon, and Nutrient Cycling

DAY 1 - WEDNESDAY, 5 OCTOBER

Tutorial On The Rhizosphere And Hyphosphere	
Moderator:	Dean Hesterberg (LNLS/CNPEM)
08:00 – 8:55	Registration and check-in
08:55 - 09:00	Welcome (Moderator)
09:00 - 09:15	Harry Westfahl, Jr. (Director of LNLS-CNPEM) - Update on Sirius
09:15 – 10:00	Doris Vetterlein (Helmholtz Center for Environmental Research - UFZ) Overview of the rhizosphere and knowledge gaps
10:00 – 10:15	DISCUSSION
10:15 – 10:30	BREAK
10:30 – 11:00	Talita Ferreira (LNLS-CNPEM) –Imaging soil components and biological structures at varying spatial scales using Zoom tomography
11:00 – 11:15	DISCUSSION
11:15 – 11:45	Carla Polo (LNLS-CNPEM) –Nanoscale imaging of soil and biological structures by coherent diffraction imaging (CDI)
11:45 – 12:00	DISCUSSION
12:00 – 13:30	LUNCH AND POSTERS (Sirius reception area)
Moderator:	Douglas Galante (LNLS-CNPEM)
13:30 – 14:15	Tiina Roose (University of Southampton) Coupling imaging and modeling to understand rhizosphere biogeochemical processes
14:15 – 14:30	DISCUSSION
14:30 – 15:00	Carlos Pérez (LNLS-CNPEM) Chemical imaging of soil structures and processes by μ -XRF, μ -XFT, and STXM
15:00 – 15:10	DISCUSSION
15:10 – 15:25	BREAK
15:25 – 15:45	Raul Freitas (LNLS-CNPEM) Chemical imaging of fungi and other biological structures by FTIR microscopy and nanoscopy (Possible meeting conflict may force presentation by pre-recorded video)
15:45 – 16:15	Renata Rabelo (LNLS-CNPEM) – Techniques to maintain biological structure integrity during sample preparation for micro/nanoscale analyses
16:15 – 16:30	DISCUSSION AND SESSION CLOSING
16:30 – 18:00	TOUR OF THE SIRIUS SYNCHROTRON

DAY 2 - THURSDAY, 6 OCTOBER

Symposium on Rhizosphere and Hyphosphere Processes	
Moderator:	Sara Adrian (LNLS/CNPEM)
08:30 - 09:15	Doris Vetterlein (Helmholtz Center for Environmental Research - UFZ). Multiscale, multimodal rhizosphere imaging and emergent properties
09:15 - 10:00	Paulo Mazzafera (University of Campinas - UNICAMP) Mechanisms of phosphate acquisition by plant roots
10:00 – 10:30	Ricardo Martinez-Garcia (Institute of Theoretical Physics- UNESP) – Evolutionary biological modeling of soil resource acquisition by roots
10:30 – 10:45	BREAK
10:45 – 11:15	Lucas Mendes (University of São Paulo USP-CENA) –The rhizosphere microbiome: how plant breeding shapes microbial traits for (a)biotic stresses
11:15 – 11:45	Dean Hesterberg (LNLS-CNPEM) – A rhizomicrocosm system for in-vivo imaging of chemical movement around an isolated root
11:45 – 12:30	LUNCH (Sirius reception area)
12:30 – 13:30	POSTER SESSION
Moderator:	Carlos Pérez (LNLS-CNPEM)
13:30 - 14:15	Tiina Roose (University of Southampton) Imaged Based Modelling of Plant-Soil Interactions
14:15 – 14:45	Edith Hammer (Lund University) Soil fungal-bacterial interactions and assessment using microchips
14:45 – 15:15	Sarah Adrian (University of Campinas-UNICAMP) Acquisition of soil P by arbuscular mycorrhizal fungi
15:15 – 15:30	Final Discussion
15:30	Adjourn



Sponsorship Opportunity

Exhibition

AgroEnviro Workshop will host an exhibition from the 5th to the 6th of October. Exhibitors will have exposure to the workshop attendees during the breaks, lunchtime, and poster presentations. Limited to 2 sponsor companies.

- An area for exhibition (one table/ two chairs) and two (2) tripods stand to hang the company banner or other display
- Free registrations for two (2) company representatives to attend the meeting
- Sponsor logo displayed on the conference website
- Distribution of company leaflets or folders to the participants
- Sponsor logo prominently displayed on the screen in the conference room at the beginning and end of each day

The cost is **R\$ 5.000,00**

Registration and payment

The registration form can be accessed at 3rd AgroEnviro Workshop: Sponsors at <https://pages.cnpem.br/agroenviro/sponsors/>.

To become an AgroEnviro sponsor formalize the registration and payment at <https://pages.cnpem.br/pay/en/produto/sponsorship-for-3rdagroenviro/>.

To confirm your sponsorship, full payment is required. Your booking will only be fully secured upon receipt of this payment.



General Terms and Cancellation Policy

Cancellation Policy

1. Requests for canceling the sponsorship must be written and sent to the email: eventos@cnpem.br or using the form available on the contact page.
2. Cancellations with refunds must be made 30 days before the event starts. Cancellations requested after this date will not be refunded.
 - 2.1. An administrative fee will be charged for a refund of 20% of the total value of payments.
 - 2.2. The amount to be reimbursed will be calculated in reais (BRL). The conversion in reais (BRL) to the foreign currency will be carried out according to the exchange rate on the repayment date.
3. In case of cancellation of the event for reasons of the technical or operational need of CNPEM, the sponsor/exhibitor will be refunded the total amount paid, less the bank fees applicable to the financial reimbursement operation.
4. In case of event changes for fully remote format due to unforeseeable circumstances or force majeure, a partial refund related to the exhibition package and/or individual items of the “other sponsorship opportunity” may be applied, excluding the costs assumed previously with the on-site services hired, plus bank fee applicable to the financial reimbursement operation.
 - 4.1 The conversion of the amount in reais (BRL) to the foreign currency will be carried out according to the exchange rate on the repayment date.

CNPEM complies with the LGPD for the management of personal data, including the collection, storage and processing of data. Therefore, CNPEM is not allowed to share any data or contact informations of participants due to privacy laws.

Contacts

Contacts If you have any further queries, do not hesitate to contact Dr. Dean Hesterberg (dean.hesterberg@Inls.br) and Priscila Alves (priscila.alves@Inls.br).

For issues nonrelated to sponsoring, please contact eventos@cnpem.br

