Innovation in high-value products from agri-food residues

EVENT SCHEDULE

BEIJING, CHINA

7-8 APRIL 2025
(Optional pre-event visits 3-5 April*)

HUBEI HOTEL
No.36 Zhongguancun South Street, Haidian District

agriloop

Places are limited, book yours today: www.agriloop-project.eu/beijing_april2025

PRE-EVENT 3-5 APRIL

OPTION 1

Visit China's top university, explore the mushroom super factory, and experience Beijing's historical landmarks and the birthplace of Confucianism

Thursday	Full day: Beijing Summer Palace
Friday	AM: Peking University/ China Agricultural University PM: Beijing Houhai/ Temple of Heaven
Saturday	AM: Shandong Youhe industry (mushroom production) PM: Confucius Temple

OPTION 2

Tour the Great Wall UNESCO World Heritage site, taste cutting-edge plant-based products at IFST-CAAS, see the full production process at the peanut factory and visit the Peanut History Museum

Thursday	Full day: Great Wall UNESCO World Heritage site
Friday	Full day: Lab visit at the Institute of Food Science and Technology (IFST), Chinese Academy of Agricultural Sciences (CAAS)
Saturday	AM: Shandong Jinsheng Grain & Oil Group (peanut processing and by-product utilization) PM: Peanut History Museum

OPTION 3

Visit the Fermentation Bioconversion Lab in the IARRP-CAAS, tour the advanced PHA factory, and explore China's royal garden and the first bridge in China which is over 1,400 years old

Thursday	Full day: Beijing Summer Palace
Friday	Full day: Lab visit at the Institute of Agricultural Resources & Regional Planning (IARRP), CAAS
Saturday	AM: Hebei NACOL Biotechnol. Co., Ltd (PHA production) PM: Zhaozhou Bridge

* Please note that additional costs apply for pre-event visits. Details and booking information can be found on the event webpage above.

MONDAY 7 APRIL 13:00-17:30

WELCOME — Welcome and opening session

13:00	**Ceremony for the Sino-EU joint laboratory and demonstration base for low-carbon recycling of agricultural residues** • **Nathalie Gontard** AgriLoop project coordinator, Research Director, National Research Institute for Agriculture, Food and Environment (INRAE), France • **Aimin Shi** AgriLoop project co-coordinator, Professor, Institute of Food Science and technology, Chinese Academy of Agricultural Sciences (IFST-CAAS), China

SESSION 1 — Circular economy vision and priorities in the EU and China and co-funding opportunities

13:40	**Introduction to the China-EU cooperation for science and technology** • **TBC** Representative of Ministry of Science and Technology (MOST), China
14:00	**Policy and national practice in China for promoting circular economy and waste and residues recycling** • **TBC** Representative of Ministry of Agriculture and Rural Affairs (MARA), China
14:20	**European policy on the circular economy** • **Antonio Malta Reis** (TBC) International R&I Officer, European Commission, Directorate General for Agriculture and Rural Development (DG AGRI)
14:40	**INRAE's policy to strengthen agricultural collaboration and shared vision between France and China** • **Philippe Mauguin** (TBC) CEO, National Research Institute for Agriculture, Food and Environment (INRAE), France
15:00	**Cooperation between China and EU in agriculture** • **TBC** Representative of Chinese Academy of Agricultural Sciences (CAAS), China

BREAK

SESSION 2 — Circularity and safety of innovative value chains of agricultural residues

15:40	**Early assessment of potential valorization pathways of agri-residues and associated environmental impacts** • **Jan Broeze** Researcher, Wageningen Research (WR), The Netherlands • **Gang Li** Associate Professor, Beijing Technology and Business University (BTBU), China • **Miguel Mauricio** Associate Professor, University of Santiago de Compostela (USC), Spain
16:00	**Synergistic effects of net zero carbon transition on social, economic and environmental health climate** • **Guofeng Shen** Professor, Peking University, China
16:20	**Assessment of processing pathways and applications from an industry perspective, for side streams of agro-food processing industries** • **Ewoud De Gussem** Owner, Impetus Company, Sustainability meet business, Belgium
16:40	**Unlocking the new value of agricultural residues: circulation channel expansion and security guarantee strategy** • **Yuguang Zhou** – Professor, China Agricultural University, Beijing, China
17:00	**Biorefinery design with OUTDOOR: guiding efficient pathway exploration for bioprocesses** • **Lucas van der Hauwaert** PhD, University of Santiago de Compostela (USC), Spain

TUESDAY 8 APRIL 9:00-20:00

SESSION 3

Eco-efficient recovery of native functionality from agricultural residues

09:00	**Upstream proteins and chemicals recovery from agro-industrial biomass** • **Annalisa Tassoni** Associate Professor, University of Bologna, Italy • **Hui Hu** Associate. Professor, Chinese Academy of Agricultural Sciences (IFST-CAAS), China • **Chahinez Aouf** Research Director, National Research Institute for Agriculture, Food and Environment (INRAE), Montpellier, France
09:20	**Corncob cellulose nanospheres for eco-friendly detergent** • **Yuan Li** Professor, China Agricultural University, Beijing, China
09:40	**Cutin bioresin from industrial tomato processing by-products for sustainable applications** • **Tommaso Barbieri** Chief Operating Officer, Tomapaint SrL, Italy
10:00	**Value-added development and sustainable utilization of agricultural and cereal by-products** • **Lianhui Zhang** Director of Grain Research and Development Center at COFCO Nutrition & Health Research Institute, China
10:20	**From labs to markets: tools and institutional mechanisms** • **Alessandra Guidi** Scientific Officer, Italian Embassy in Bejing, China

BREAK

SESSION 4

Bioconversion of agri-residues into microbial and fungal proteins and microbial polyesters

11:00	**A sneak peek at Agriloop´s biotechnological pathways for upcycling agri-residues** • **Maria Reis** Professor, NOVA School of Science and Technology, Portugal • **Wei Gao** Associate Professor, Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences (IARRP-CAAS), China • **Ramon Ganigué** Associate Professor, University of Gent, Belgium • **Ruan Zhiyong** Professor, Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences (IARRP-CAAS), China
11:20	**Utilizing beneficial soil microbial resources to promote green and high-quality agricultural development** • **Bin Zhao** Professor, HuaZhong Agricultural University, Wuhan, China
11:40	**Harnessing nature's solution to plastic pollution: scaling up PHA production as natural alternative for plastic from organic residues** • **René Rozendal** Managing Director, Paques Biomaterials Company, Balk, The Netherlands.
12:00	**Novel microbial cell factory: Zymomonas mobilis** • **Mingxiong He** Professor, Biogas Institute of Ministry of Agriculture and Rural Affairs, Chinese Academy of Agricultural Sciences (BIOMA-CAAS), Chengdu, China
12:20	**PHA production from non-food source substrates** • **George Chen** Professor, Tsinghua University, China

LUNCH

14:10	**Genetic basis of protein content variation of Agaricus bisporus** • **Rui-Lin Zhao** Professor, Institute of Microbiology, Chinese Academy of Sciences (CAS), China
14:30	**KANEKA Biodegradable Polymer Green Planet™: biodegradable PHBH as conventional plastic alternative** • **Shunsuke Sato** Manager, Kaneka Company, Japan

TUESDAY 8 APRIL 9:00-20:00

SESSION 5

Upscaling biorefineries from and for the farming sector in frugal conditions

14:50	**From the bench to pilot scale applications for agricultural residues valorization in the Agriloop framework** • **David Bolzonella** Professor, University of Verona, Italy • **Xiaolong Yao** Associate Professor, Beijing Technology and Business University (BTBU), China
15:10	**In the era of frugality, agriculture and bio-refinery synergistic upgrade strategy** • **Yeqing Li** Professor, China University of Petroleum, Beijing, China
15:30	**Designing agricultural vegetal supplies as alternative to plastic to improve farmer's lives** • **Thomas Guillard** Industrial Design, La Moricière. France

BREAK

SESSION 6

Connecting young stakeholders (6a) Exploring business and research collaborations (6b)

16:30 - 18:30	**Session 6a. Sino-European young stakeholders connecting session** The upcoming generation will exchange views during a dynamic session that gathers young actors from academic and professional sectors in Europe and China. This is a rare networking opportunity, bringing together a broad range of young professionals to share their work projects, current R&D ideas, experiences and build contacts for future collaborations. **Moderators:** Jinchuang Zhang (IFST-CAAS, China), Xiaojie Ma (IFST-CAAS, China), Xin Guo (Shenyang Agricultural University, China), Isabelle Dedieu (INRAE, France), Shinuo Cao (IFST-CAAS, China), Lucas Van Der Hauwaert (USC Spain). • Presentations and key notes (30 min) • Dynamic Sino-European connecting activities, mini-project competition (60mins) • Debate, prospects and conclusion (30 min)
16:30 - 18:30	**Session 6b. Networking session for business, science and policy** This is a unique networking opportunities to explore business and research collaboration between Europe and China. You will network with industry, researchers and government officials, and explore policy and support measures. You may also make a short presentation about your business or research ideas and arrange business-to-business meetings. **Moderators:** Burkhard Schaer (ECOZEPT, France), Gang Li (BTBU, China), Alice Charpigny (DSS+, Switzerland), Jan Linck (ECOZEPT, France)

DINNER

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