

BEIJING, CHINA

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

 **HUBEI HOTEL**
No.36 Zhongguancun
South Street,
Haidian District



Innovation in high-value products from agri-food residues

EVENT SCHEDULE

Secure your spot today and join us in person or virtually!



[www.agriloppproject.eu/
beijing_april2025](http://www.agriloppproject.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

13:00 **Welcome and opening session**

- **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

13:10 **Introduction to the China-EU cooperation for science and technology**

- **TBC** Representative of Ministry of Science and Technology (MOST), China

13:30 **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

13:50 **EU and China research and innovation collaborations**

- **Luis Vivas-Alegre** EU Delegation in China, DG Research and Innovation Agri-Food Chain

14:10 **INRAE's policy to strengthen agricultural collaboration and shared vision between France and China with a foreword from Thierry Caquet, Vice-President of International Policy, INRAE**

- **Florent Chazarenc** International Project Manager, INRAE, France

14:30 **Cooperation between China and EU in agriculture**

- **TBC** Representative of Chinese Academy of Agricultural Sciences (CAAS), China

14:50 **Agricultural green circular science and technology cooperation for mutual benefit**

- **Qiang Wang** AgriLoop IAB Member, Professor, IFST-CAAS

15:10 **Ceremony for the Sino-EU joint laboratory and demonstration base for low-carbon recycling of agricultural residues**

..... **GROUP PHOTO & 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



SESSION 3

Eco-efficient recovery of native functionality from agricultural residues

09:00	<p>Upstream proteins and chemicals recovery from agro-industrial biomass</p> <ul style="list-style-type: none"> • 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	<p>Corn cob cellulose nanospheres for eco-friendly detergent</p> <ul style="list-style-type: none"> • Yuan Li Professor, China Agricultural University, Beijing, China
09:40	<p>Cutin bioresin from industrial tomato processing by-products for sustainable applications</p> <ul style="list-style-type: none"> • Tommaso Barbieri Chief Operating Officer, Tomapaint SrL, Italy
10:00	<p>Value-added development and sustainable utilization of agricultural and cereal by-products</p> <ul style="list-style-type: none"> • Lianhui Zhang Director of Grain Research and Development Center at COFCO Nutrition & Health Research Institute, China
10:20	<p>From labs to markets: tools and institutional mechanisms</p> <ul style="list-style-type: none"> • Alessandra Guidi Scientific Officer, Italian Embassy in Beijing, China

..... **BREAK**

SESSION 4

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

11:00	<p>A sneak peek at Agriloop’s biotechnological pathways for upcycling agri-residues</p> <ul style="list-style-type: none"> • 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	<p>Utilizing beneficial soil microbial resources to promote green and high-quality agricultural development</p> <ul style="list-style-type: none"> • Bin Zhao Professor, HuaZhong Agricultural University, Wuhan, China
11:40	<p>Harnessing nature’s solution to plastic pollution: scaling up PHA production as natural alternative for plastic from organic residues</p> <ul style="list-style-type: none"> • René Rozendal Managing Director, Paques Biomaterials Company, Balk, The Netherlands.
12:00	<p>Novel microbial cell factory: Zymomonas mobilis</p> <ul style="list-style-type: none"> • Mingxiong He Professor, Biogas Institute of Ministry of Agriculture and Rural Affairs, Chinese Academy of Agricultural Sciences (BIOMA-CAAS), Chengdu, China
12:20	<p>PHA production from non-food source substrates</p> <ul style="list-style-type: none"> • George Chen Professor, Tsinghua University, China

..... **LUNCH**

14:10	<p>Genetic basis of protein content variation of Agaricus bisporus</p> <ul style="list-style-type: none"> • Rui-Lin Zhao Professor, Institute of Microbiology, Chinese Academy of Sciences (CAS), China
14:30	<p>KANEKA Biodegradable Polymer Green Planet™: biodegradable PHBH as conventional plastic alternative</p> <ul style="list-style-type: none"> • Takeshi Sugise Kaneka Company, Japan

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

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SESSION 6

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

- 16:30 - **Session 6a. Sino-European young stakeholders connecting session**
18:30
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: 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 - **Session 6b. Networking session for business, science and policy**
18:30
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), Anne Verniquet (DSS+, Switzerland), Jan Linck (ECOZEPT, France)

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