

Smart Agriculture Innovation Development International

Summer School

Organized by the College of Information and Electrical Engineering at China Agricultural University, the **Smart Agriculture Innovation Development International Summer School** aims to provide global participants with an in-depth opportunity to explore the frontiers of artificial intelligence-enabled agricultural innovation. The program will focus on the core technologies, emerging trends, and practical applications driving the digital and intelligent transformation of agriculture.

This summer school not only emphasizes the transfer of knowledge but also aims to cultivate participants' practical skills for addressing agricultural environmental challenges in the digital transformation of agriculture. Through exchanges and collaborations with world-leading universities and research institutions, participants will have the opportunity to broaden their international perspectives and connect with top global peers and experts.

We invite graduate students and researchers from around the world to actively apply and join us in exploring the future of smart agriculture, advancing agricultural innovation and sustainable development.

- **Date:** July 7, 2025 - July 13, 2025
- **Location:** China Agricultural University, Beijing, China
- **Projected enrolment:** 25-35 persons

Project Highlights

1. International Youth Forum: Conveying Global Academic Directions and Achievements

The program will provide a high-level and interactive platform for showcasing academic achievements and research directions, promoting interaction and collaboration among young scholars. The forum will invite young scholars to engage in in-depth discussions on current international academic hot topics, enhancing students' engagement with global cutting-edge academic directions and fostering future academic collaborations for both individual scholars and research teams.

2. Thematic Lectures: Series of Academic Reports by Top International Experts

The program will invite top international experts to deliver a series of academic lectures, focusing on the latest research trends, cutting-edge technologies, and significant scientific breakthroughs. These lectures will be of high academic value and practical relevance, and will include interactive sessions, providing participants with valuable opportunities to exchange ideas and ask in-depth questions with leading

scholars in relevant fields.

3. Student Project Competition: Stimulating Academic Innovation and Showcasing Research Results

To stimulate academic exchange and sharing, a competition for graduate students will be organized, featuring oral presentations and poster displays. This high-quality academic platform will allow participants to systematically present their research design, data outcomes, and innovative value, receiving detailed feedback from field experts and peers through a review mechanism and multidimensional evaluation.

4. Field Visits and Field Research: Exploring Innovative Practices in Smart Agriculture and Land Management

Participants will have the opportunity to observe the implementation of smart sensing systems, environmental control technologies, and automated equipment in real-world settings. The activity will focus on "on-site perception + collaborative dialogue," bridging the gap between theoretical knowledge and practical applications. It will inspire participants to think from multiple perspectives about the challenges and potential of scaling agricultural technology.

5. Cultural Exchange and Inter-School Collaboration: Promoting Cross-Cultural Academic Exchange and Expanding International Horizons

The program will organize a variety of cultural exchange activities, enabling participants not only to learn about Chinese culture and society but also to share their own country's academic traditions and research achievements. This will help broaden international perspectives and enhance cross-cultural communication skills, further promoting long-term academic and cultural exchanges between institutions.

7. Student Steering Committee and Global Outreach: Enhancing Participant Ownership and Building International Visibility

To strengthen student engagement and foster a more dynamic and inclusive learning community, the program will establish a **Student Steering Committee** at the very beginning of the summer school. While the organizing team will provide the overall framework and core activities, student participants will also be encouraged to take part in selected aspects of coordination, service, communication, and peer support throughout the program. As participants come from diverse countries and academic backgrounds, their active involvement will bring valuable perspectives to the design, organization, and atmosphere of the summer school.

In addition, participants will be strongly encouraged to share their experiences on the social media platforms popular in their own countries and regions. The program hopes to promote timely and continuous outreach. To recognize outstanding efforts in international communication and public engagement, the program will select and reward the **best publicity contributions**. Through this mechanism, the summer school aims to cultivate leadership, collaboration, and organizational awareness among students.

Program Schedule

Date	7-Jul Tuesday	8-Jul Wednesday	9-Jul Thursday	10-Jul Friday	11-Jul Saturday	12-Jul Sunday	13-Jul Monday
Morning	Registration	Election and Working Meeting of the Student Steering Committee	Academic Lectures by International Experts	Student Oral Presentation Competition	Summer School Joint Opening Ceremony	Chinese culture experience activities	Departure
Noon		Lunch	Lunch	Lunch	Lunch	Lunch	
Afternoon		Campus Tour	Smart Agriculture Base & Digital Agriculture Demonstration	Student Poster Competition	Keynote Lectures	Award Ceremony	

How to Apply

Applicants must be undergraduate students or graduate students (Master's or PhD students) with a background in related fields such as Biological and Agricultural Engineering, Computer Science and Technology, Agricultural Science, Environmental Science, Big Data Science and Technology, or Agricultural Machinery Engineering. Applicants are required to submit the following materials and send them to the email address: xixinge@cau.edu.cn.

1. Curriculum Vitae: Please highlight your academic background, research interests, and relevant experience.
2. Statement of Interest: Submit a brief personal statement (300-500 words) explaining why you wish to attend this summer school and how the program aligns with your academic or professional goals.

One outstanding applicant will be selected as the student representative and invited to speak at the opening ceremony.

Application Timeline:

- Application Opens: Now
- Application Deadline: May 29, 2026

Late applications will not be considered.

Successful applicants will receive notification by June 15, 2025, including further program details.

Tuition fees and Financial Support

1. **Registration Fee:** Undergraduate students are exempt from the registration fee. Graduate students are required to pay a registration fee of RMB 400.

2. **Tuition Fee:** Undergraduate students are exempt from tuition. The tuition fee is RMB 1,300 for master's students and RMB 1,500 for doctoral students.

2. **Insurance Coverage:** Comprehensive medical insurance is required for all participants throughout the program. Proof of insurance must be submitted after admission and no later than one week before arrival at the summer school.

3. **Travel Awards:** To support outstanding international applicants, this program offers a limited number of travel awards in two categories:

- **Distinguished Travel Award:** Covers round-trip international airfare and hotel accommodation.

- **Merit Travel Award:** Covers hotel accommodation only.

Travel awards are highly competitive and subject to limited availability. Applications will be reviewed based on both merit and the availability of funds, **so early application is strongly encouraged**. Only graduate students are eligible to apply for travel awards.

Contact Information

For further inquiries, please contact:

- Email: xixinge@cau.edu.cn • Phone: +86 18801150875