

## Seminar on Standardization Cooperation in Intelligent Equipment Manufacturing for Developing Countries

**Código de Beca:** 6198

**Nombre:** Seminar on Standardization Cooperation in Intelligent Equipment Manufacturing for Developing Countries

**Descripción:** **About the Organizer**

Chinese Academy of Agricultural Mechanization Sciences Group Co., Ltd.(CAAMS) was founded in 1956, and is one of the first group of national innovation-oriented hi-tech enterprises. CAAMS is committed to provide agriculture with advanced technology and equipment. CAAMS is a well-known origin of agricultural engineering technologies in China, and has provided the technologies of more than 3,000 kinds of agricultural & food machinery in 9 categories to our country. CAAMS is a nation-wide center for technical research, strategic planning, product marketing and international cooperation. CAAMS has provided more than 3,000 kinds of agricultural & food machinery in 9 categories to our country (85% of the whole trade), while making great contribution to the national agricultural modernization.

Chinese Academy of Agricultural Machinery has successively undertaken 20 sessions of the topic of the use and maintenance of agricultural machinery. This topic was awarded the first batch of classic training projects by the Ministry of Commerce in 2020, and the training effect has been highly recognized by the majority of students. The training content covers a wide range of fields and is rich in topics. The courses taught are comprehensive, practical, professional, practical and interesting, and have won unanimous praise from the recipient countries. Through continuous technological innovation and implementation of domestic and foreign agricultural engineering projects, as well as industry research and cooperation, the Chinese Academy of Agricultural Machinery has mastered the use and maintenance of agricultural machinery suitable for different conditions and regions, which can be used as an agricultural development experience with both applicability and effectiveness. The vast number of developing countries refer to and promote the technological progress of agricultural mechanization in the vast number of developing countries, and contribute to the coordinated and sustainable development of the society and economy of the recipient countries.

**Fuente principal:** China

**Fuente secundaria:** -

**Tipo de beca:** Total

**Fecha de vencimiento:** 15/07/2025

**Requisitos:**

**Requirements for the Participants**

**Target Objective**

Funcionarios Públicos y Docentes

**Nationality**

Uruguayan (excluyente)

**Age**

Under 45 for officials at or under director's level;

under 50 for officials at director general's level.

**Health**

In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant.

**Language**

Capable of listening, speaking, reading and writing in English during the training

**others**

Family members or friends shall not follow

**Beneficios:**

- a) Pasaje internacional de ida y vuelta
- b) Gastos de alojamiento y alimento no incluye bebidas alcohólicas;
- c) Gastos de transporte local derivados de las actividades organizadas por parte china durante su estadía en China;
- d) Gastos menudos por día para cada participante

**Lugar de postulación y documentación a presentar:**

**DOCUMENTACIÓN A PRESENTAR:**

IMPORTANTE: La documentación debe ser enviada en formato digital (PDF) y de manera escaneada, indicando el nombre de cada archivo y en su totalidad en un único correo. No se admitirá otro tipo de archivo.

- 1) Formulario de inscripción de China con foto (foto a color, estilo formal con fondo blanco)
- 2) Fotocopia de pasaporte Uruguayo (excluyente, con vencimiento como mínimo de 6 meses posterior a la fecha de finalización del curso)
- 3) Fotocopia de Carnet de Salud
- 4) Currículum Vitae, máximo 5 hojas (No documentado)
- 5) Cédula de identidad
- 6) Fotocopia del título (si corresponde)
- 7) Fotocopia de certificado de conocimiento de idioma inglés
- 8) Formulario de becas de AUCI (Adjunto)

9) Carta aval del organismo donde presta funciones, dirigido al Director de AUCI

10) Decreto 234/86 firmado (Adjunto)

11) Firma de la declaración (Adjunto)

Se deberá enviar toda la documentación con las firmas correspondientes por mail a [becas@auci.gub.uy](mailto:becas@auci.gub.uy)

De ser necesario se podrá solicitar la documentación física en Torre Ejecutiva, Plaza Independencia 710 piso 7 oficina 703

La fecha límite es hasta el mismo día hasta las 15hs (EXCLUYENTE)

**Contacto en caso de dudas:**

[becas@auci.gub.uy](mailto:becas@auci.gub.uy)

Tel 150 int 3402 o 3403

**Observaciones:**

**Los postulantes deberán previamente registrarse en nuestro portal: [https://portaldebecas.auci.gub.uy/auci\\_prod/servlet/com.portal.loginportal](https://portaldebecas.auci.gub.uy/auci_prod/servlet/com.portal.loginportal) NO SE ACEPTARÁN FORMULARIOS HECHOS A MANO**

**La documentación deberá de ser enviada en archivos adjuntos, numerada e indicando el nombre de cada uno de los documentos solicitados en la convocatoria.**

**Los adjudicados deberán realizar el trámite de obtención del visado ante la Embajada de China en Montevideo, dentro de los cinco días hábiles posteriores a la notificación. No hay trámite urgente.**

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**Remarks**

1. Please prepare discussion materials related to the Seminar theme in advance, including but not limited to: Country overview, cultural characteristics, development status in field of the theme, development challenges, and future cooperation opportunities.
2. Please bring formal wear, national costumes, or uniforms for formal events during Seminar.
3. Please bring a few of common medicines.
4. Computers will not be available. Please bring yourself if necessary.
5. Please check the permitted luggage allowances for your international and Chinese flights.
6. Confirm whether luggage needs to be rechecked during connecting flights.
7. Personal modifications to arrival/departure flight tickets are generally not permitted. If required, please contact the Economic and Commercial Office of the Chinese Embassy in your country to process the modification following official procedures.

8. If unable to depart on schedule due to special reasons or experiencing flight delays during transfers, please immediately contact the Chinese Embassy or organizer to provide updated flight details for pickup arrangements.
9. After collecting luggage upon arrival, proceed to the international/domestic arrival exit and wait patiently. Organizer will arrange pickup service with a pickup sign marked "CAAMS". If waiting exceeds 15 minutes, please contact the organizer.
10. If you fail to get your checked luggage, do not wait there for long time. Please contact the organizer to confirm the luggage delivery address.
11. Please download and register the WeChat software in advance.

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## Ofrecimiento N° 6198.1

**Nombre ofrecimiento:** Seminar on Standardization Cooperation in Intelligent Equipment Manufacturing for Developing Countries

**Información específica:** **Training content**

### **1. Brief Introduction to the Training:**

This training adopts a combination of lectures, communications and exchanges, visits and inspections and professional practice to share development results and experience in the field with the participants. The main courses are:

- 1) Summary of China's National Conditions: Introduce the basic situation of China's political philosophy, social history, traditional culture, etc., the background, development concept and significance of the construction of the "Belt and Road Initiative", etc.
- 2) Current Situation and Strategic Thoughts on the Development of Standardization in Intelligent Manufacturing at Home and Abroad: Analyze the actual situation of the development of standardization in intelligent manufacturing at home and abroad, compare the differences, and consider the future strategic direction to provide direction guidance for the standardization work of intelligent manufacturing in China.
- 3) Interpretation, Application and Standardization of AI Large Model Technology: In-depth interpretation of the technical principles of AI large models, display of diverse application scenarios, and discussion of their standardization process to facilitate the orderly and standardized development of the technology.
- 4) Intelligent operation and Maintenance Technology and Standardization Based on Big Data: Introduce intelligent operation and maintenance technology relying on big data, explain its application in equipment management and other aspects, and elaborate on relevant standardization contents.
- 5) Introduction to EtherCAT Technology and Standardization: Elaborate on the technical features of EtherCAT, a real-time Ethernet architecture, such as high

speed and durability, and explain its standardization achievements and applications.

6) Progress in Functional Safety Technology and Standardization: Explain the key points of functional safety technology, sort out the development process of relevant international and domestic standards, and lay a solid standard foundation for safety assurance.

7) Key Technologies of Industrial Internet and the current status of standardization at home and abroad: Analyze key technologies of industrial Internet, such as networks and security, and present the current status of standardization at home and abroad.

8) Intelligent equipment empowered by Digital Technology: Explain how digital technology empowers intelligent equipment, enhancing its performance and intelligence level, and showcase application achievements.

9) Overview of Key Technologies and Standardization of High-End Robots: Introduce key technologies of high-end robots, such as motion control, and explain the progress and significance of standardization work.

## **2. Brief Introduction to the Planned Visit Activities (visiting city may be changed according to the practical arrangement):**

This project will combine the training content of each stage of the course to arrange for participants to visit institutions such as the Chinese Academy of Agricultural Mechanization Sciences, the Yizhuang Base of the Institute of Comprehensive Technological Economics of Instrumentation in Machinery Industry, Siemens (China) Co., Ltd., Schneider (Beijing) Medium Voltage Electrical Apparatus Co., Ltd., HollySys Technologies Group Co., Ltd., and the Chinese Academy of Inspection and Quarantine. Also, arrange for study tours to institutions outside Beijing, including Shanghai Industrial Automation Instrumentation Research Institute Co., Ltd., Shanghai Electrical Apparatus Research Institute (Group) Co., Ltd., Schaeffler (China) Co., Ltd., Shanghai Institute of Measurement and Testing Technology, Rockwell Automation Co., Ltd., and other enterprises to visit, discuss and study, combining theory with practice to guide the trainees to improve their professional technical level, to help students further understand the current situation and future development trend in the field.

## **3. Overall Introduction of the Professor:**

A total of 9 professors are invited to this project. Most of them are experts and scholars who have been deeply cultivated in the agricultural mechanization field for many years. All of them have senior professional titles and above, and have rich experience in teaching and scientific research.

1) Ma Teng, senior engineer of CAAMS, has long been engaged in project implementation and management in the field of agricultural engineering, international training and trade.

- 2) Song Xiaomin, senior engineer of CAAMS, has long been engaged in the implementation and management of projects in the field of animal husbandry machinery, international training and trade.
- 3) Ding Lu, Senior Engineer with the title equivalent to a professor, Director of the Standard and Testing Center of the Institute of Comprehensive Technological Economics of Instrumentation in Machinery Industry.
- 4) Zhang Xiaoling, Professor, Deputy Dean of the School of Artificial Intelligence, Shenyang University of Technology.
- 5) Wang Chengcheng, Senior Engineer, Director of the Standard Office of the Institute of Comprehensive Technological Economics of Instrumentation in Machinery Industry.
- 6) Fan Bin, Senior Manager, Representative of ETG in China Region.
- 7) Xiong Wenze, Senior Engineer, Director of the Functional Safety Center Office of the Institute of Comprehensive Technological Economics of Instrumentation in Machinery Industry.
- 8) Zhu Guoliang, Senior Manager, Automation Department of the Digital Industries Group of Siemens (China) Co., Ltd.
- 9) Pan Xuelong, Senior Manager, Director of Strategic Cooperation of Phoenix Contact Electric Co., Ltd.
- 10) Qin Xiugong, Senior Engineer, Head of the Robotics and Bionics Technology Research Department of the Productivity Center of Beijing Mechanical Industry Automation Research Institute Co., Ltd.

**Tipo de curso:** CURSO CORTO

**Modalidad de curso:** Presencial

**País:** China

**Ciudad:** Beijing

**Idiomas:** inglés

**Fecha de inicio:** 26/08/2025

**Fecha de fin:** 08/09/2025

**Fecha límite de inscripción:** 15/07/2025

**Duración aprox.:** -

**Disciplinas:**

- Cultura y Gestión cultural
- Medio Ambiente
- Energías limpias. Eficiencia energética
- Recursos naturales. Conservación de recursos
- Desastres ambientales. Contaminación. Gestión de riesgos
- Gestión de riesgo agropecuario

Tecnología

**Observaciones:**

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