

International Conference on Smart Manufacturing and Industry 4.0 - 2015

Invitation Letter

To whom it may concern:

Entering the new century, a new round of technological revolution and industrial transformation characterized vividly by the in-depth implementation of the information networking technology is being increasingly nurtured, while both the new development trend and features of the technological innovation in the world are beginning to take into shape. To meet the challenges facing the new technological innovative development, many countries in the world have started their searches for the new breakthrough in their technical innovations in order to seize the opportunity in the future economic and technological development. Going parallel with the US in terms of their defining of the national strategic plan for advanced manufacturing industry and with the Germany “Industry 4.0” strategy, the Chinese government has also defined the strategy “Made in China 2025” with the smart manufacturing as both its breakthrough and the main direction.

In order to carry out the actions defined in the “Sino German cooperation platform for action” so that the platform for cooperative dialogue for “Industry 4.0” can be established and to strengthen the conduction of the mutual cooperation between enterprises of the two countries on a free-willing and equal basis as well as to promote the development of the smart manufacturing, China Association for Mechatronics Technology and Application (CAMETA) and Chinese-German College of Tongji University are going to jointly host the “International Conference on Smart Manufacturing and Industry 4.0 – 2015”, which will be organized by National Auto and Parts Export Base (Shanghai) on November 2 - 3, 2015 in Shanghai, just during “The 17th China International Industry Fair”. The related details are described as followings:

1. Theme

Striving for the New Future of the Manufacturing Industry

2. Organizations

Host:

China Association for Mechatronics Technology and Application (CAMETA)

Chinese-German College of Tongji University

Co-host:

PLCopen International

Sercos International e.V.

OPC Foundation

Sub-Association of Automation of Machinery Industry of the Chinese

Mechanical Engineering Society

Special Committee for Manufacturing Technology of Chinese Association of Automation

China National Technical Committee for Automation Systems and Integration Standardization

Organizer: National Auto and Parts Export Base (Shanghai)

Meeting Service Provider: Beijing Zhongqixinzi Technology Consult Co., Ltd.

Media Partner: “International Mechatronics Technology” Magazine, “Automation for Manufacturing Industry” Magazine, “Computer Integrated Manufacturing Systems” Magazine, “e Manufacturing” Magazine, “Intelligent Manufacturing” Magazine, “www.gongkong.com”, and “www.cechina.cn”.

Official Website: smf2015.31huiyi.com

3. Date and Venue

Registration: November 1, 2015

Conference: November 2~3, 2015

Venue: Crowne Plaza Shanghai Anting Golf (Address: No.6555 Boyuan Road, Anting, Jiading, Shanghai, China)

4. Contents

- (1) Promotion and explanation for “Made in China 2025”.
- (2) Prediction of the planning for “Thirteenth Five-Year Plan” for the advanced Chinese manufacturing field.
- (3) Analysis on the strategy and the technological trend of the German Industry 4.0.
- (4) The smart manufacturing modes targeting at IT as the core technology.
- (5) Knowledge-based smart design and simulated optimization of products.
- (6) Crowdsourcing and innovative designing based on 3D printing.
- (7) Smart Manufacturing, smart production and smart factory.
- (8) Smart equipments and smart robotic technologies.
- (9) Logistic management and control in the Smart plant.
- (10) Knowledge management based on the smart manufacturing.
- (11) Service management based on the smart manufacturing.
- (12) Industrial internet, manufacturing and networking technology for manufacturing and inter-operative technology.
- (13) Industrial Big data and its application in the smart manufacturing.
- (14) Intelligent enterprise based on the industrial cloud.

- (15) The intelligent manufacturing-based Industrial communication and software technology such as fieldbuses, sensors, industrial software and industrial Ethernet.

5. Attendees

- (1) **Official guests:** Officials from related government departments; academicians, experts and scholars from research institutes, colleges and universities; the renowned chief scientists and directors from research academies (centers) of both national and international enterprises will be invited to attend the Conference and to make major speeches.
- (2) **Representatives from model manufacturing enterprises:** Leaders and representatives from both national and international manufacturing enterprises; Council members and representatives of member companies of China Association for Mechatronics Technology and Application; representatives of the member companies of PLCopen International Organization; representatives of the member companies of Sercos International e.V.; member representatives of OPC Foundation, and representatives from other typical enterprises.
- (3) **Leaders of national and international associations and organizations:** Leaders and specialists from such national and international associations and organizations as PLCopen International Organization, Sercos International e.V., OPC International Foundation, and other associations and societies.
- (4) **Local authorities, development zones and enterprises zones:** The leaders or the responsible persons from the local governments, the economical development zones, the hi-tech zones and the enterprise zones for the equipment manufacturing and robots.
- (5) **Suppliers, media partners and investment organizations:** The software and hardware suppliers from the national and international manufacturing industry; Media representatives, and responsible persons from the well-known local or international investment organizations.

6. Draft Schedule

Date	Time	Arrangement
November 1 Sunday	Whole day 09:00-22:00	Registration for all attendees of the conference
November 2 Monday	Morning 09:00-12:00	<ul style="list-style-type: none"> • Opening Ceremony • Major Speech by specially invited guests
	Afternoon 13:30-17:30	<ul style="list-style-type: none"> • Conference of international entrepreneurs • High-level Dialogue
November 3 Tuesday	Parallel Forums for Specific Subjects	

	AM	Smart Manufacturing Forum	Digital Factory Forum	Intelligent Robots Forum
	PM	MES (Manufacturing Execution System) Forum	Forum for In-depth Convergence of Informationalization and Industrialization of Manufacturing Industry	Industrial Software and Communication Forum

7. Attending Fees

- (1) Charge: 1,800 Yuan/person; 800 Yuan/person for the councils and members of the hosts and the co-hosts. The transaction of the fees for this Conference should all be conducted via web and no cash is accepted on site. Please apply and pay for attending the conference via the web: smf2015.31huiyi.com.
- (2) The attendees are responsible for their own lodging, and the reservations for the designated hotels recommended by the Conference organizers should be taken care of by the attendees themselves.
- (3) Receipt: The services for the Conference will be provided by Beijing Zhongqixinzi Technology Consult Co., Ltd., who will handle the attending fees and the official receipts.

8. Contact Information

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