

International Conference and Exhibition on Control System

Dates & Venue: July 13-15, 2015 Beijing, China

(Theme: Advances in diverse applications of control systems)

About the Conference:

Control System-2015 welcomes attendees, presenters, and exhibitors from all over the world to Beijing, China. We are delighted to invite you all to attend and register for the **"International Conference and Exhibition on Control System (Control System-2015)"** which is going to be held during July 13-15, 2015 in Beijing, China.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Control System-2015**, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Control System-2015 organizing committee look forward to meeting you in Valencia, Spain.

For more details please visit- <http://controlsystem.conferenceseries.com/>

Importance & Scope:

Control System is an essential research topic. It will help in upliftment of the technology used in Control System. It is involved in almost every industry so one the most profit making sector, the inventors can showcase their latest technology so they can have business opportunity with investors and companies. Cyber Security for Smart Grid Industrial Control Systems Will Surpass \$600 Million in Market Value by 2020. Around 600 Conferences, National symposiums and Workshops are to be held across the globe in the year 2014 and 2015 on Control System, this itself indicates the importance of Control System Technology.

Convergence between control and operating strategies in process automation and the discrete manufacturing sector is undoubtedly speeding up as information technology and networking systems develop. The two control techniques that have traditionally been chasms apart have grown ever closer as the trend for sharing data across the whole business has led to company-wide control systems, the popularity of which is very much on the increase.

Why Beijing?

Top Oil Industries are situated in Beijing one of them is petro China Company Limited which is the largest oil/gas producer and distributor, playing a dominant role in the oil and gas industry in China. It is one of the companies with the hugest sale revenue in China, but also one of the largest oil companies in the world.

Beijing's automobile sector have continued to boom in recent years. In 2005, the total number of cars registered in Beijing in 2010 was 2,146,000, of which 1,540,000 were privately owned.

Beijing's petrochemical industry expanded rapidly when an oil pipeline was constructed in the mid-1970s to link the city with the Daqing oil field in the Northeast. The petrochemical industry is dominated by the Beijing Yanshan Petrochemical Company, Ltd., located southwest of the city. Beijing has a fully integrated industrial structure. It has to date nearly 23,800 industrial enterprises, covering fields of electronics, machinery, chemicals, light industry, textile and car manufacturing. Among all the enterprises, there are 4, 551 state-owned ones, with annual sales of over 602,409.64 U.S. dollars. High tech and modern manufacturing industries have become the leading forces of Beijing's industrial growth. Total value added of the industrial

sector of Beijing achieved approximately 10.54 billion U.S. dollars in 2002. Gross profit realized and tax collected from medium and large industrial enterprises stood at 7.11 billion U.S. dollars.

Conference Highlights:

- Control Theory and Applications
- Intelligent Systems and Machine Learning
- Control Devices
- Industrial Applications of Control Systems
- Robotics and Automation
- Man-Machine Interactions
- Innovative Technologies
- Mechatronics

Why to attend???

With members from around the world focused on learning about Advertising and marketing, this is your single best opportunity to reach the largest assemblage of participants from the Top Industry sectors. Conduct demonstrations, distribute information, meet with current and potential customers, make a splash with a new product line, and receive name recognition at this 3-day event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Automation, robotics, oil, and shipping and transportation fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event: <http://controlsystem.conferenceseries.com/sponsors.php>

Major Control System Societies around the Globe

- Control Theory and Application International Society of Automation
- American Automatic Control Council
- International Federation for Automatic Control
- American Society of Mechanical Engineers
- IEEE Control System Society
- Society for Modeling & Simulation International
- Society for Industrial & Applied Mathematics

Related companies in China

Robotics

- Jiangsu Zhongke Robot Technology Co., Ltd
- Shenzhen Silver Star Intelligent Technology Co., Ltd
- Shenzhen Silver Star Intelligent Technology Co., Ltd
- Dongguan Yiren Industry Co., Ltd
- Jinan Guanghuili Application Technology Co., Ltd

Mechatronics

- Magix Mechatronics (Dongguan)
- NIPPO
- Frencken
- ACM Mechatronics
- BEIJING-FANUC Mechatronics Co., LTD

Automotive

- SAIC Motor
- First Automotive Works
- FAW Group
- Lifan
- Greely
- Hafai
- Great Wall

Oil

- Sinopec
- Exxon Mobil
- PetroChina
- China National Offshore Oil
- OOIL-Orient Overseas

Transportation/Airlines

- China Merchants
- Noble Group
- COSCO Pacific
- Air China
- China Southern Airlines
- Cathay Pacific

Shipping

- OOIL-Orient Overseas
- China International Marine Containers
- China Shipping Container Lines
- China Shipping Development
- China Ocean Shipping

Control System

- China National Automation Control System Corp.
- Control Systems Engineers (India)
- Hitachi Rail
- Hollysys Automation Technologies, Ltd.
- Xinhua Control Engineering Company Ltd

Technology

- Shanghai Electric Group
- TCL Corporation
- China Merchants
- Lenovo

Market analysis

The below Graph represents the Market Size of Control System Industry in Billion Euros, China has the highest market size compare to all the leading countries USA, Japan and Germany follows respectively.

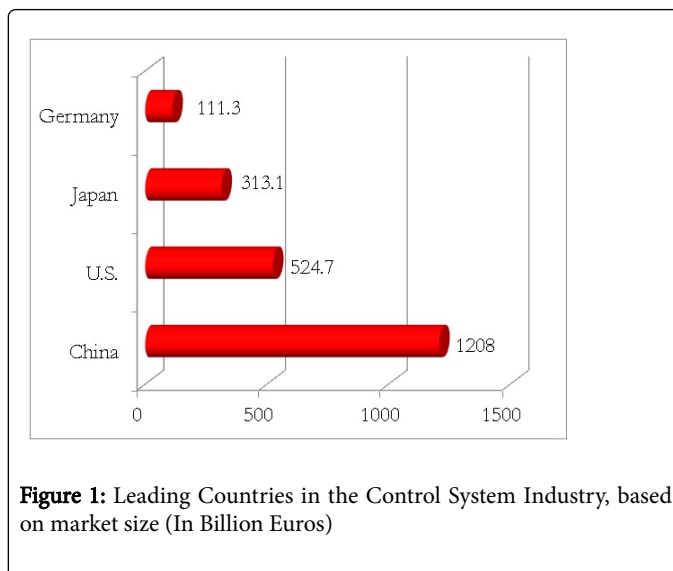


Figure 1: Leading Countries in the Control System Industry, based on market size (In Billion Euros)

Source: Reference 1

In the year 2008 the Controlling Device was 15.8 billion US dollars by the end of 2009 it was increased by 10% and in the year 2010 the Construction Machines demand was huge with enormous growth of 47% percent compare to the previous year. In 2011 it was not so high but at the end of 2015 the expected market size of Control Devices will be 43.9 billion dollars.

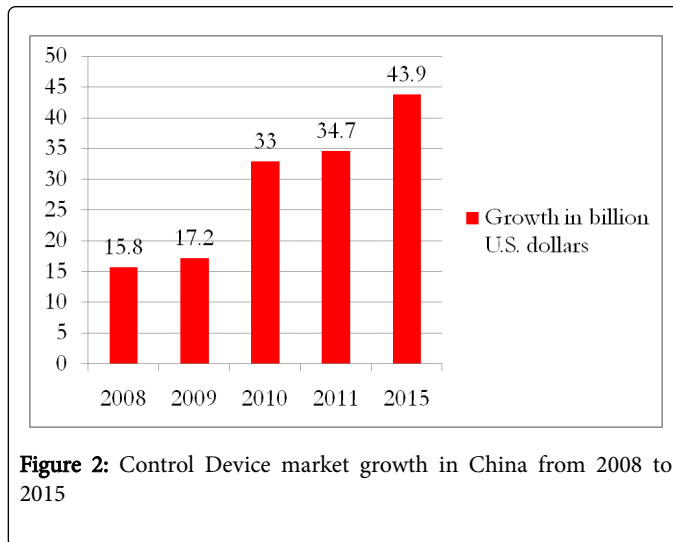
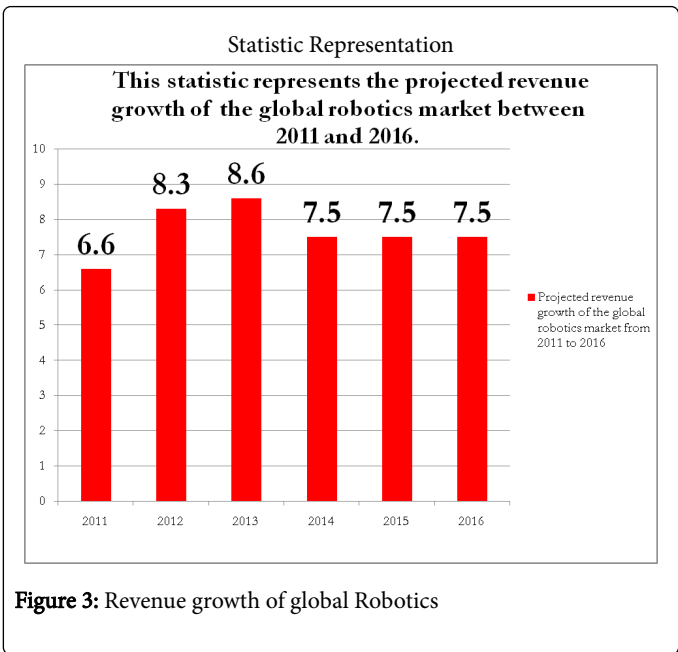


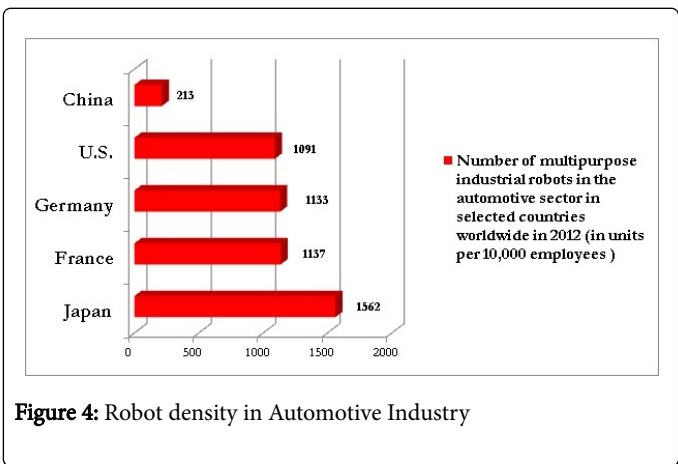
Figure 2: Control Device market growth in China from 2008 to 2015

Source: Reference 2

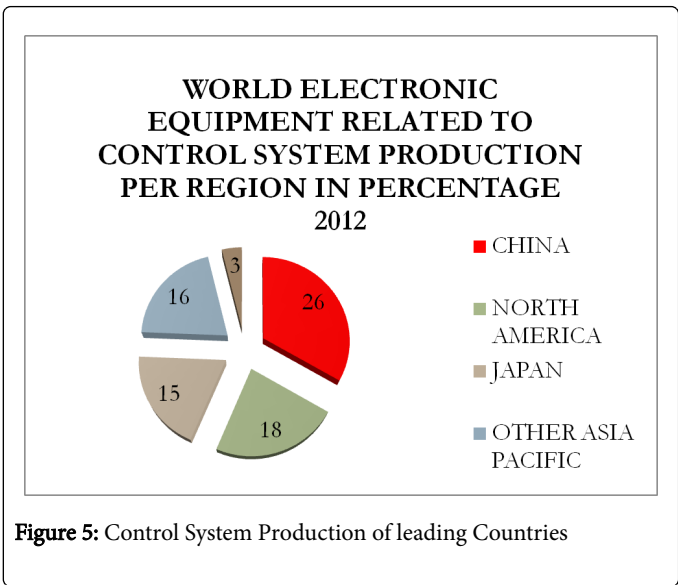


Source: Reference 3

This statistic represents the robot density in the automotive industry in selected countries worldwide in 2012. In Japan, 1,562 industrial multipurpose robots were installed per 10,000 automotive employees. The above represents density of Robot in automotive industry across the world, the statics shows that Japan (1562) has the highest robot density compare to other countries were as France automotive industries produces 1137 robots and it stands second. We're as the following countries are as follows Germany (1133), USA (1091) and China (213).



Source: Reference 4



Source: Reference 5

Target Audience

- IT Industrialists
- Defense
- Aerospace and Aviation
- Space and Satellite technology
- Mobile and communication
- Production Industries
- Automobiles Industries
- Medical Researchers
- Automotive & Transportation
- Shipping
- Oil
- Light /Heavy Electrical and Electronics
- Construction Industries
- Mechatronics

Topics to be mainly focused in your conference to get more Participation and Exhibitions

- Control Theory & Applications
- Intelligent Systems & Machine Learning
- Control Devices
- Industrial Applications of Control Systems
- Robotics & Automation
- Man-Machine Interactions
- Innovative Technologies
- Mechatronics
- Industrial/Home Control Systems Security
- Human-Machine Interfaces

Software Techniques

Robotics

- Fischertechnik -
- FlowBotics - FlowBotics Studio is a new robotics software development platform that allows you to develop robot apps to control a large variety of intelligent devices and robots.
- iRobot Roomba

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- Lynxmotion
 - Roborealm
 - Servocity
 - VEX Robotics

Control System

- IOSIP
- DisPA
- GRASP
- ISILEIT

Mechatronics

- AutoCAD
- Lynxmotion
- Servocity

Control System Societies

- International Society of Automation (ISA) –USA- 30,000 members worldwide

- American Automatic Control Council (AACC, aka A2C2) -USA
- International Federation for Automatic Control (IFAC)
- American Institute of Aeronautics and Astronautics (ASME)- USA
- American Society of Mechanical Engineers (ASME)-USA
- IEEE Control System Society-USA
- Society for Modeling & Simulation International (SCS)-USA
- Society for Industrial & Applied Mathematics (SIAM)-USA

References:

1. <http://www.statista.com/statistics/257082/robot-density-in-the-automotive-industry-in-selected-countries>
 2. <http://www.statista.com/statistics/279440/construction-machine-market-growth-in-china>
 3. <http://www.statista.com/statistics/257163/projected-revenue-growth-of-the-global-robotics-market>
 4. <http://www.statista.com/statistics/257082/robot-density-in-the-automotive-industry-in-selected-countries>
 5. <http://www.statista.com/statistics/272372/regional-breakdown-of-the-global-automotive-parts-market>
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