

Forum on innovation technologies to be held



Industry experts, famous equipment and solution suppliers and users in the manufacturing industry at the Innovation Technology Forum 2013. PHOTO PROVIDED TO CHINA DAILY

Since 2011 when the 12th Five-Year Plan (2011-2015) was carried out and the Third Plenary Session of the 18th Central Committee of the Chinese Communist Party, energy conservation, environmental protection and ecological civilization construction have been highlighted with energy conservation and environmental protection ranking top among seven strategic emerging industries.

They have become a new pillar industry in the national economy and ecological civilization has been also considered as part of the "five-in-one" national policy in parallel with economy, politics, culture and society.

Experts said this indicates that the central government has attached great importance to environmental protection, but energy shortage has also led to the rise of energy price which has imposed enormous cost pressure on manufacturing enterprises.

As everyone knows, energy consumption in China's industry has accounted for 70 percent of the total energy consumed by the society. Therefore, Chinese manufacturing enterprises are required to reduce their energy consumption for environmental protection, but they still meet the challenge to increase industrial output value.

"It is an urgent task facing them," said experts, adding that they should solve problems of how to improve their working efficiency through innovative design of products, how to maximize energy efficiency in the process of production, how to reduce energy consumption when improving their output value and how to minimize the environmental

pollution and contribute to the sustainable development.

Therefore, enterprises which are undergoing transformation and upgrading technologies are trying to find more energy-saving products, more intelligent systems and more efficient driving modes. With them, they can improve their core competitiveness and blaze a trail for future development.

The technologies to be displayed at PTC ASIA include innovative air compression, mechanical and electrical integration, electrohydraulic control, electrical integration, centralized lubrication, life cycle management and application of various new materials, which will provide enterprises with access to integrated solutions to energy conservation, environmental protection, efficient driving and improvement of industry chain value.

This forum will focus on energy conservation, environmental protection and efficient driving with industry experts, famous equipment and solution suppliers in relevant fields and users in the manufacturing industry invited to discuss energy-saving potential in power sources, driving systems and executive components, and share feasible solutions to energy conservation and environmental protection.

A peak dialogue session will be held, giving users, experts and suppliers an opportunity for passionate interaction and brainstorming. Organizers believe that discussions will be surely beneficial for the effort manufacturing enterprises are making to take an innovation-driven path for energy conservation and environmental protection.

Energy Conservation,
Environmental Protection & Efficient Driving

The 3rd MM • Drive Innovation Technology Forum 2014

Tentative schedule

Time: October 28, 2014

Venue: E2-M19 Meeting Room, Shanghai New International Expo Center

Time	Topics
09:00-09:30	Sign in
09:30-09:40	The organizer delivers speech
09:40-10:20	Comprehensively launch low-carbon development of pneumatic technology-- Wang Xiongyao, special advisor to China Hydraulics, Pneumatics and Seals Industry Association Shanghai Shanyuan Automation Technology Co Ltd
10:20-11:00	Energy-saving technologies for pneumatic system and their applications--- Shi Guanglin, Doctor of Engineering/Associate Professor, Doctoral Supervisor of School of Mechanical Engineering, Shanghai JiaoTong University
11:00-11:10	Tea break
11:10-11:50	Explain the practice in improvement of industry chain value from the perspective of comprehensive micro-innovation (Transtecno)
11:50-13:00	Lunch
13:00-13:30	Wolong Motor
13:30-14:00	Analysis of motor energy conservation and energy conservation project--- Hu Bo, director of China Technology Department of Swiss Top10 Energy Conservation Center
14:00-14:30	Ultra high-speed pneumatic control theory and its practice--- Professor, Doctoral Supervisor, Doctor of Engineering from School of Mechanical & Energy Engineering, Tongji University
14:30-15:00	Q&A
15:00-15:30	Award ceremony for energy-saving products
15:00	Visit exhibition

PTC ASIA concerns China's petrochemical market

PTC ASIA 2014 is scheduled to open from October 27 to 30. Statistics indicate that this year's exhibition will have an unprecedented scale.

The exhibition area totals 85,500 square

meters, but it is still unable to satisfy the market demand, although the exhibition halls have reached a 110 percent utilization rate.

Despite its eminence, PTC ASIA sticks to

its original purpose: to showcase innovative technologies and products and become the most effective platform of communication, exchange and cooperation for enterprises and users.

In order to provide exhibitors with a more convenient and effective platform to communicate with main engine manufacturers, organizers will hold a series of high-quality forums during the show, including a summit on prediction and analysis of China's oil-gas fields and drilling equipment market development and demand.

The forum, which will be held on October 28, will be jointly sponsored by the Hannover Milano Fairs Shanghai Ltd and the editorial office of China Petroleum & Petrochemical Equipment Industry Association Yearbook.

The forum, themed the status, objectives, equipment demands, technological development and trends of China's oilfields and unconventional petroleum resources in 2014, will have experts from the China National Petroleum & Chemical Planning Institute, the Research Institute of Petroleum Exploration and Development, the

Research Institute of Petroleum Drilling Equipment, Chinese oilfields and major drilling equipment manufacturers to discuss the trends in the drilling equipment industry.

The main topics at the summit include: status and objectives of China's oil and gas development; status and prediction of oilfields and drilling equipment development and market demand in China and the world; status of China's shale gas development and demand analysis for drilling and fracturing technologies and equipment; latest development of drilling, completion and oil recovery technologies; application and promotion of energy efficiency technologies and environmentally-friendly products.

Participants at the forum will also include senior managers, planning, marketing and purchasing directors, and technical personnel managers from Chinese oilfields, engineering companies, drilling equipment manufacturers and main engine parts suppliers.

Time: 9:30, October 28, 2014

Venue: E2-M17 Meeting Room
Shanghai New International Expo Center



Summit on prediction and analysis of China's oil-gas fields and drilling equipment market development and demand at PTC ASIA 2013. PHOTO PROVIDED TO CHINA DAILY