

# 2012 International Fine Phosphorus Chemical Technology Exchange Conference

## Overview

China has abundant phosphorus resources and is also one of the world's leading phosphorus chemical producing and consuming countries. Now, China has established a relatively complete phosphorus chemical system which is based on phosphates and has a relatively complete variety and scale of products, and has formed a number of large-scale phosphorus chemical enterprises. The "12th Five-Year Plan" period will be the critical period for China's phosphorus chemical industry to grow bigger and stronger. The development trend of the phosphorus chemical industry is to stabilize the development of basic phosphorus chemicals, to strengthen the development of intermediate phosphorus chemicals, to develop high-end phosphorus chemicals, to speed up the transformation of industrial-grade phosphorus chemicals into food grade and electronic grade phosphorus chemicals and the transformation of inorganic phosphorus chemicals into organic phosphorus chemicals, to enhance the proportion of fine chemicals, and to further optimize the industrial layout. These measures are the key to enhancing the international competitiveness of China's phosphorus chemical industry. Phosphorus chemical enterprises and research institutions at home and abroad are actively seeking development and cooperation and are longing to further exchange and discuss the deep-seated problems about the development of the phosphorus chemical industry and specific processes and equipment for the production of fine phosphorus chemicals, etc.

On the basis of continuously hosting four international fine phosphorus chemical technology exchange conferences in the past four years, China National Chemical Information Center (CNCIC) decides to hold the "2012 International Fine Phosphorus Chemical Technology Exchange Conference" in Jiangyin, Jiangsu Province on May 15-18, 2012. This conference will be jointly organized by the National Chemical Energy Saving (Emission Reduction) Center and Jiangyin Chengxing Industrial Group Co., Ltd. By then, we will invite domestic and international renowned experts and representatives from renowned phosphorus chemical research institutions and companies to discuss the development direction of fine phosphorus chemicals, to exchange and showcase the latest R&D results, to promote the exchange of phosphorus chemical technology at home and abroad, and to boost the development of fine phosphorus chemicals. We warmly invite phosphorus chemical industry associations, manufacturers, research institutes, colleges and universities, investment & financing enterprises and other relevant enterprises to attend the conference.

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## Organization

Guiding units:	National Development and Reform Commission, Ministry of Industry and Information Technology, Ministry of Science and Technology, Ministry of Environmental Protection
Sponsor:	China National Chemical Information Center
Organizer:	National Chemical Energy Saving (Emissions Reduction) Center
Co-organizer:	Japanese Association of Inorganic Phosphorus Chemistry (JAIPC)
Advisors:	Mei Yi Deputy Chief Engineer, Yuntianhua Group Co., Ltd. Gong Changsheng Professor, Wuhan Institute of Technology Zhong Benhe Professor, Sichuan University He Hongwu Professor, Huazhong Normal University Makoto Watanabe Secretary-General, JAIPC Li Xing, President of Jiangyin Chengxing Industrial Group Wang Weici, chief engineer, YunPhos Group Co., Ltd.

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## Date and location

Date:	May 15: Registration
	May 16-17: Conference reports
	May 18: Visit
Location:	Jiangyin, Jiangsu Province

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## Topics (proposed)

- 1) Development ways and strategies of China's phosphorus chemical industry in the "12th Five-Year Plan" period;
- 2) Development and application of fine phosphates:
  - ◆ Food-grade phosphates;     ◆ Feed-grade phosphates;     ◆ Pharmaceutical-grade phosphates;     ◆  
Electronics-grade phosphates;     ◆ Application and market outlook of sodium tripolyphosphate;
- 3) Production technology and applications of phosphates as energy materials:
  - ◆ Development, production technology and applications of lithium iron phosphate-based series cathode materials;     ◆ Development, production technology and applications of lithium hexafluorophosphate-based electrolyte materials;
- 4) Development and application of organic phosphorus chemicals:
  - ◆ Development and application of phosphorus flame retardants;
  - ◆ Development and application of phosphorus water treatment agents;
  - ◆ Development and application of organophosphorus extractants;
  - ◆ Development and application of organophosphorus intermediates;
- 5) Development of the circular economy, and the promotion of energy saving and emission reduction:
  - ◆ Utilization and recycling of phosphogypsum;
  - ◆ Recovery and utilization technologies of yellow phosphorus tail gas;
  - ◆ Utilization of phosphorus slag;
  - ◆ Utilization of fluosilicic resources which are byproducts of wet-process phosphoric acid;
- 6) Energy management information system.

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Registration fee: USD 800/person.

Registration form:

Company					
Address				Postal Code	
Phone				Fax	
Email					
Delegate	Name	Gender	Nationality	Position/Title	Mobile phone
Payment	Account holder: China National Chemical Information Center		Bank: ICBC Beijing Huaxin Sub-Branch	Account number: 0200228219020180864	
Room reservation	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Single room <input type="checkbox"/> Standard room		

Please mail or fax the form to Lynn Wang

Tel: 86-10- 64453812 Fax: 86-10-64437118 Email: [wangling@cheminfo.gov.cn](mailto:wangling@cheminfo.gov.cn)