

# 目 录

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# 会议组织机构 Conference Organization

## 主办单位 Organizers:

国际肥料科学中心 International Scientific Centre of Fertilizers

中国科学院 Chinese Academy of Sciences

## 承办单位 Host Organizers:

中国科学院沈阳应用生态研究所 Institute of Applied Ecology, CAS

翔龙集团·施可丰化工股份有限公司 Xianglong Industrial Group · ShiKefeng  
Chemicals Co., Ltd.

沈阳中科新型肥料有限公司 Shenyang Zhongke New Fertilizer Co., Ltd.

## 协办单位 Co-organizer:

威海世代海洋集团 Weihai Shidai Marine Biotechnology Co., Ltd.

## 指导单位 Advisory Organizers:

中国土壤学会 Soil Science Society of China

中国植物营养与肥料学会 Chinese Society of Plant Nutrition and Fertilizer  
Science

中国国际贸易促进委员会化工行业分会 CCPIT Sub- Council of Chemical  
Industry

## 赞助单位 Sponsors:

辽宁东北丰专用肥有限公司 Liaoning Dongbeifeng Special Fertilizer Co., Ltd.

内蒙古兰晶生态科技有限公司 Inner Mongolia Lanjing Ecological Technology  
Co., Ltd.

## 组织委员会 **Organizing Committee**

**President:** Prof. Jiabao Zhang, Institute of Soil Science, CAS, P.R. China

**Vice President:** Prof. Zhijie Wu, Institute of Applied Ecology, CAS, P.R. China

**Secretary General:** Prof. Yuanliang Shi, Institute of Applied Ecology, CAS,  
P.R. China

## **CIEC主席团 CIEC Presidium**

Lanzhu Ji (President, P.R. China)

Xiaoyu Shi (Deputy President, P.R. China)

Ewald Schnug (Honorary President, Germany)

Cristian Hera (Honorary President, Romania)

Dimitris Bouranis (Vice President, Greece)

Luit De Kok (Vice President, The Netherlands)

Margit Olle (Vice President, Estonia)

Yanfen Wang (Vice President, P.R. China)

Yuanliang Shi (Liason Officer Fertilizer Industry, P.R. China)

Liankai Zhang (Liason Officer Environment, P.R. China)

Silvia Haneklaus (Secretary General, Germany)

Jie Li (Deputy Secretary General, P.R. China)

Zhen Li (Deputy Secretary General, P.R. China)

## 会议议程 Conference Agenda

日期 Date	时间 Time	地点 Location	活动内容 Activities
9 月 3 日 September 3	16:30 ~ 17:30	银雀厅（二楼） Yinque Hall, 2 <sup>nd</sup> Floor	主席团会议 Presidium meeting
9 月 4 日 September 4	全天 8:00 ~ 22:00	大厅（一楼） 1 <sup>st</sup> Floor Lobby	会议报到注册 Registration
	16:30 ~ 17:30	沂河厅（二楼） Yihe Hall, 2 <sup>nd</sup> Floor	CIEC 亚洲分中心养分调控管理 专业技术委员会成立大会 Inaugural Meeting of CIEC Nutrient Regulation and Management Specialized Technical Committee
	18:00 ~ 20:30	大厅（一楼） 1 <sup>st</sup> Floor Lobby	晚餐 Dinner
9 月 5 日 September 5	8:00 ~ 8:30	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	开幕式 Opening Ceremony
	8:30 ~ 8:40	大厅（一楼） 1 <sup>st</sup> Floor Lobby	合影 Group Photo
	8:40 ~ 12:15	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	大会报告 Plenary Presentation

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50th International Fertilizer Conference of CIEC (CIEC50)

	12:15 ~ 13:30	大厅（一楼） 1 <sup>st</sup> Floor Lobby	午餐 Lunch (Buffet)
	13:30 ~ 18:20	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	大会报告 Plenary Presentation
	18:20 ~ 21:00	大厅（一楼） 1 <sup>st</sup> Floor Lobby	招待晚宴 Reception Dinner
9 月 6 日 September 6	8:00 ~ 12:00	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	大会报告 Plenary Presentation
	12:00 ~ 13:30	大厅（一楼） 1 <sup>st</sup> Floor Lobby	午餐 Lunch (Buffet)
	13:30 ~ 18:45	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	大会报告 Plenary Presentation
	18:45 ~ 19:15	蒙山厅（三楼） Mengshan Hall, 3 <sup>rd</sup> Floor	闭幕式 Closing Ceremony
	19:15 ~ 21:00	大厅（一楼） 1 <sup>st</sup> Floor Lobby	晚餐 Dinner
9 月 7 日 September 7	全天 8:00 ~ 16:00	施可丰企业厂区 ShiKefeng Chemicals Co., Ltd.	科学考察 Scientific Excursion

## 1、大会开幕式 Opening Ceremony

**主持人:** Silvia Haneklaus (CIEC, Germany)

**Chair:** Silvia Haneklaus (CIEC, Germany)

**时 间:** 2024 年 9 月 5 日 8:00 ~ 8:40

**Time:** 8:00 ~ 8:40, September 5, 2024

**地 点:** 蒙山厅（三楼）

**Location:** Mengshan Hall, 3<sup>rd</sup> Floor

时 间 Time	内 容 Activities
8:00 ~ 8:40	1、 CIEC 主席姬兰柱先生致开幕词 Welcome address by Lanzhu Ji (President of CIEC) 2、 领导致辞 Welcome address by Ewald Schnug (Honorary President of CIEC) Welcome address by local government representatives Welcome address by Jiabao Zhang (President of conference) Welcome address by Jiaojun Zhu (Director of Institute of Applied Ecology) Welcome address by Yongjun Xie (President of Xianglong Group) 3、 照相（一楼大厅） Group Photo of CIEC Participants (1 <sup>st</sup> Floor Lobby)

## 2、大会报告 Plenary Session

**要 求：**大会报告每人 25 分钟（报告 20 分钟，讨论 5 分钟）

**Requirements:** 20 minutes for Talk and 5 minutes for questions

<b>时 间：</b> 2024 年 9 月 5 日 8:40 ~ 12:15		<b>Time:</b> 8:40 ~ 12:15, September 5, 2024	
<b>地 点：</b> 蒙山厅（三楼）		<b>Location:</b> Mengshan Hall, 3 <sup>rd</sup> Floor	
<b>主持人：</b> 周卫（中国农业科学院）和 Roland Bol (Institute of Bio- & Geosciences, Forschungszentrum, Jülich, Germany)		<b>Chairs:</b> Wei Zhou (Chinese Academy of Agricultural Sciences, China) and Roland Bol (Institute of Bio- & Geosciences, Forschungszentrum, Jülich, Germany)	
<b>时间</b> <b>Time</b>	<b>报告题目</b> <b>Title</b>	<b>报告人</b> <b>Speaker</b>	<b>单位</b> <b>Institution</b>
8:40~9:05	封闭式材料循环真的存在吗？ Closed materials cycles do they really exist?	Ewald Schnug	德国布伦瑞克 技术大学 Technical University Braunschweig, Germany
9:05~9:30	我国生物炭的研究进程与展望 Research process and prospect of biochar in China	陈温福 Wenfu Chen	沈阳农业大学 Shenyang Agricultural University, Shenyang, China
9:30~9:55	施肥对土壤生物多样性及其功 能的影响 Effects of fertilization on soil biodiversity and its functions	张佳宝 Jiabao Zhang	中国科学院 南京土壤研究所 Institute of Soil Science, Chinese Academy of Sciences, Nanjing, China

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9:55~10:20	磷和铀在生物和无生命世界中的相互作用 Interactions of phosphorus and uranium in the animate and inanimate world	Silvia Haneklaus	国际肥料科学中心 CIEC, Germany
10:20~10:35	茶歇 (Tea break)		
<b>主持人:</b> 徐明岗 (山西农业大学) 和 Silvia Haneklaus (CIEC, Germany)		<b>Chairs:</b> Minggang Xu (Shanxi Agricultural University, Shanxi, China), and Silvia Haneklaus (CIEC, Germany)	
10:35~11:00	双碳目标下碳中和的农业贡献 Contribution of agriculture to carbon neutrality under a two-carbon target	尹飞虎 Feihu Yin	新疆农垦科学院 Xinjiang Academy of Agricultural and Reclamation Science, Xinjiang, China
11:00~11:25	肥料:是敌是友?“一带一路”倡议对土耳其肥料使用的可能影响 Fertilizer: friend or foe? The stakes of unleashing its power in Turkey and the possible impacts of the road and belt initiative	Ibrahim Ortaş	库库罗瓦大学 Çukurova University, Adana, Turkey
11:25~11:50	提高化肥养分利用效率的途径 Approaches to improve nutrient use efficiency of chemical fertilizers	周卫 Wei Zhou	中国农业科学院 Chinese Academy of Agricultural Sciences, Beijing, China



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11:50~12:15	锌对小麦的生物强化:硼酸乙醇 胺与锌和半胱氨酸的结合 Biofortification of wheat with zinc: The combination of ethanolamine borate with zinc and cysteine	Georgios P. Stylianidis	雅典农业大学 Agricultural University of Athens, Greece
<b>时 间:</b> 2024 年 9 月 5 日 13:30 ~ 18:20 <b>Time:</b> 13:30 ~ 18:20, September 5, 2024 <b>地 点:</b> 蒙山厅 (三楼) <b>Location:</b> Mengshan Hall, 3 <sup>rd</sup> Floor <b>主持人:</b> 姬兰柱 (国际肥料科学中心) 和 Andrea Ulrich (Daluhay (NGO) Baler Auroa, Phillipines) <b>Chair:</b> Lanzhu Ji (CIEC, China) and Andrea Ulrich (Daluhay (NGO) Baler Auroa, Phillipines)			
时间 Time	报告题目 Title	报告人 Speaker	单位 Institution
13:30~13:55	中国旱地土壤磷素演变与磷肥 高效施用技术 Phosphorus evolution and efficient application of phosphorus fertilizer in dryland soils in China	徐明岗 Minggang Xu	山西农业大学 Shanxi Agricultural University, Shanxi, China
13:55~14:20	稳定性肥料发展历程及趋势 Stabilized fertilizer development history and trends	张丽莉、武志 杰、石元亮 Lili Zhang, Zhijie Wu and Yuanliang Shi	中国科学院 沈阳应用生态研究所 Institute of Applied Ecology, Chinese Academy of Sciences, Liaoning, China

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14:20~14:45	养分管理提高作物生产力和可 持续性  Improving nutrient management to increase crop productivity and sustainability	张福锁  Fusuo Zhang	中国农业大学  China Agricultural University, Beijing,  China
14:45~15:10	木霉菌及其生物肥料  Trichoderma and its biofertilizer	沈其荣、袁军  Qirong Shen and  Jun Yuan	南京农业大学  Nanjing Agricultural University, Nanjing,  China
15:10~15:25	茶歇（Tea Break）		
主持人：张丽莉（中国科学院沈阳应用生态研 究所）和 Ewald Schnug (Technical University Braunschweig, Germany)  Chair: Lili Zhang (Institute of Applied Ecology, Chinese Academy of Sciences, China) and Ewald Schnug (Technical University Braunschweig, Germany)			
15:25~15:50	中国作物增产和绿色农业发展  Crop yield increase and green agricultural development in China	高祥照  Xiangzhao Gao	农业部全国农业技术 推广服务中心 National Agro- Technical Center (NATESC), Ministry of Agriculture (MARA), Beijing,  China

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15:50~16:15	<p>《联合国可持续肥料管理行为准则》及其对“一带一路”框架下化肥贸易的意义</p> <p>The UN code of conduct for sustainable fertilizer management and its significance for fertilizer trade within the road and belt Initiative</p>	Andrea Ulrich	<p>苏黎世联邦理工学院 和圣加仑大学 Daluhay (NGO) Baler Auroa, Phillipines</p>
16:15~16:40	<p>生物基材料包膜控释肥 研究进展</p> <p>Research progress of bio-based material coated controlled release fertilizer</p>	<p>杨越超 Yuechao Yang</p>	<p>山东农业大学 Shandong Agricultural University, Shandong, China</p>
16:40~17:05	<p>玫瑰的芬芳：从废弃到成长</p> <p>The sweet smell of roses: from waste to growth</p>	Roland Bol	<p>德国尤利希研究中心 Institute of Bio- &amp; Geosciences, Forschungszentrum, Jülich, Germany</p>
17:05~17:30	<p>通过养分回归土壤来实现 碳固存</p> <p>Nutrient return to soil for carbon sequestration</p>	<p>王艳芬/崔骁勇 Yanfen Wang, Xiaoyong Cui</p>	<p>中国科学院大学 University of Chinese Academy of Sciences, Beijing, China</p>

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17:30~17:55	<p>基于粮食安全和国民健康的肥料创新方向探索</p> <p>Exploring the direction of fertilizer innovation based on food security and national health</p>	<p>商照聪</p> <p>Zhaocong Shang</p>	<p>上海化工研究院有限公司</p> <p>Shanghai Research Institute of Chemical Industry Co., Ltd., Shanghai, China</p>
17:55~18:20	<p>基于硫的小麦锌生物强化方案：表面活性剂对麦穗形态参数的影响</p> <p>Sulfur-based schemes for biofortification of wheat with zinc: the effect of surfactant to the morphometric parameters of the spike</p>	<p>Dimitris L. Bouranis</p>	<p>雅典农业大学</p> <p>Agricultural University of Athens, Greece</p>
<p><b>时 间：</b>2024 年 9 月 6 日 8:00 ~ 12:00</p> <p><b>地 点：</b>蒙山厅（三楼）</p> <p><b>主持人：</b>张为政（加拿大阿尔伯塔省农业部温室研究中心）和 Menna-t-allah M. ElKotamy (Academy of Scientific Research and Technology, Egypt)</p>		<p><b>Time:</b> 8:00 ~ 12:00, September 6, 2024</p> <p><b>Location:</b> Mengshan Hall, 3<sup>rd</sup> Floor</p> <p><b>Chair:</b> Weizheng Zhang (Greenhouse research and production center, Ministry of Alberta Agriculture and Forestry, Brooks, Alberta, Canada) and Menna-t-allah M. ElKotamy (Academy of Scientific Research and Technology, Egypt)</p>	
<b>时间</b> <b>Time</b>	<b>报告题目</b> <b>Title</b>	<b>报告人</b> <b>Speaker</b>	<b>单位</b> <b>Institution</b>
8:00~8:25	<p>中国增值肥料</p> <p>The value-added fertilizer in China</p>	<p>赵秉强</p> <p>Bingqiang Zhao</p>	<p>中国农业科学院</p> <p>Chinese Academy of Agricultural Sciences, Beijing, China</p>

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8:25~8:50	中国磷复肥工业发展展望 China's phosphorus compound fertilizer industry development outlook	李光 Guang Li	中国磷复肥工业协会 China Phosphorus & Compound Fertilizer Association, Beijing, China
8:50~9:15	基于秸秆深翻还田的 养分高效型土壤培育与 玉米高效施肥技术 The cultivation of nutrient- efficient soil and efficient fertilization technology for maize based on the deep turning of straw to return the soil to the field	王立春 Lichun Wang	吉林省农业科学院 Jilin Academy of Agricultural Sciences, Jilin, China
9:15~9:40	新型肥料和土壤调理剂在盐碱 土改良的应用研究 Study on novel fertilizers and soil conditioners for reclamation of salt-affected soils	胡树文 Shuwen Hu	中国农业大学 China Agricultural University, Beijing, China
9:40~10:05	氮肥增效剂高效化及应用效果 研究 Research on the efficiency and application effect of fertilizer synergists	高强 Qiang Gao	吉林农业大学 Jilin Agricultural University, Jilin, China
10:05~10:20	茶歇（Tea Break）		
主持人：石晓雨（辽宁中科生物工程有限公司） 和 Ibrahim Ortaş（Cukurova University, Adana, Turkey） Chair: Xiaoyu Shi（Liaoning Zhongke Bioengineering Co., Ltd）and Ibrahim Ortaş（Cukurova University, Adana, Turkey）			

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10:20~10:45	<p>东北春玉米施肥特点 及变化趋势</p> <p>Northeast spring corn fertilization characteristics and changing trends</p>	<p>王永军</p> <p>Yongjun Wang</p>	<p>吉林省农业科学院</p> <p>Jilin Academy of Agricultural Sciences, Jilin, China</p>
10:45~11:10	<p>与喀麦隆在农业科学研究与 发展方面的合作机会</p> <p>Opportunities for cooperation in research and development in agricultural science with Cameroon</p>	<p>Njukeng Jetro</p> <p>Nkengafac</p>	<p>喀麦隆农业发展 研究所</p> <p>IRAD, Ekona regional centre, Buea, Cameroon</p>
11:10~11:35	<p>施可丰新型肥料的产业化 及应用推广</p> <p>Industrialization and application promotion of ShiKefeng's new fertilizers</p>	<p>解若君</p> <p>Ruojun Xie</p>	<p>山东翔龙实业集团 有限公司总裁</p> <p>Shandong Xianglong Industrial Group, Shandong, China</p>
11:35~12:00	<p>液体肥的国际市场和未来</p> <p>Liquid fertilizers on global markets and its future</p>	<p>张为政</p> <p>Weizheng Zhang</p>	<p>加拿大阿尔伯塔省农 业部温室研究中心</p> <p>Greenhouse research and production center, Ministry of Alberta Agriculture and Forestry, Brooks, Alberta, Canada</p>

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<b>时 间:</b> 2024 年 9 月 6 日 13:30 ~ 18:45		<b>Time:</b> 13:30 ~ 18:45, September 6, 2024	
<b>地 点:</b> 蒙山厅（三楼）		<b>Location:</b> Mengshan Hall, 3 <sup>rd</sup> Floor	
<b>主持人:</b> 赵秉强（中国农业科学院）和 Dimitris L. Bouranis（Agricultural University of Athens, Greece）		<b>Chair:</b> Bingqiang Zhao (Chinese Academy of Agricultural Sciences, Beijing, China) and Dimitris L. Bouranis (Agricultural University of Athens, Greece)	
时间 Time	报告题目 Title	报告人 Speaker	单位 Institution
13:30 ~ 13:55	海洋碳汇生物肥料开发与技术应用 Marine carbon sink fertilizer technology development and popularization and application	李明潭/张兴波 Mingtang Li, Xingbo Zhang	威海世代海洋集团 Weihai Shidai Marine Biotechnology Co., Ltd., Shandong, China
13:55 ~ 14:20	“一带一路”倡议对突尼斯和马格里布地区化肥行业的潜在影响 The potential impact of the belt and road initiative on fertilizer in Tunisia and the Maghreb States	Marwa Zouari	突尼斯迦太基大学 University of Carthage, Tunisia
14:20 ~ 14:45	与埃及在农业科学研究与发展方面的合作机会 Opportunities for cooperation in research and development in agricultural science with Egypt	Amr Farouk	埃及科学研究技术学院 Academy of Scientific Research and Technology, Egypt
14:45 ~ 15:10	稳定性复合肥料推广应用 Stablized compound fertilizer promotion and application	刘强 Qiang Liu	辽宁东北丰专用肥有限公司 Liaoning Donbeifeng Special Fertilizer Co., Ltd., Liaoning, China

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15:10 ~15:35	多微矿物新材料复合肥上增效应用 Multi-micro mineral new material compound fertilizer on the application of efficiency enhancement	魏景龙 Jinglong Wei	内蒙古兰晶生态科技有限公司 Inner Mongolia Lanjing Ecological Technology Co., Ltd., Mongolia, China
15:35~15:50	茶歇（Tea Break）		
<b>主持人：</b> 胡树文（中国农业大学）和 Marwa Zouari (University of Carthage, Tunisia) <b>Chairs:</b> Shuwen Hu (China Agricultural University, Beijing, China), and Marwa Zouari (University of Carthage, Tunisia)			
15:50 ~ 16:15	肥料增效剂助力化肥行业转型升级 Fertilizer synergists help fertilizer industry transformation and upgrading	张晓英 Xiaoying Zhang	山东蓬勃生物科技有限公司 Shandong Pengbo Bio-technology Co., Ltd., Shandong, China
16:15 ~ 16:40	通过植物与微生物的相互作用打造未来的生物肥料，提高农业绿色生产力 Building tomorrow’s biofertilizer through plant-microbe interactions for agricultural green productivity	Tong Min Sa	忠北国立大学 Chungbuk National University, Korea
16:40 ~ 17:05	农业技术中的知识产权 Intellectual property rights in agri-tech	Menna-tallah M. ElKotamy	埃及科学研究技术学院 Academy of Scientific Research and Technology, Egypt



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17:05 ~ 17:30	<p>新型抑制剂的创制及机制研究 Research on the mechanism and Effect of novel inhibitors</p>	<p>李杰 Jie Li</p>	<p>中国科学院沈阳应用生态研究所 Institute of Applied Ecology, Chinese Academy of Sciences, Liaoning, China</p>
17:30 ~ 17:55	<p>聚氨基酸肥料的研究与开发 Study and development of Polyamino acid fertilizer</p>	<p>张蕾 Lei Zhang</p>	<p>中国科学院沈阳应用生态研究所 Institute of Applied Ecology, Chinese Academy of Sciences, Liaoning, China</p>
17:55 ~ 18:20	<p>多功能细菌在有机肥料中的作用机理和应用潜力 The mechanisms and application potential of multifunctional bacteria in organic fertilizers</p>	<p>李怡 Yi Li</p>	<p>中国热带农业科学院 Chinese Academy of Tropical Agricultural Sciences</p>
18:20 ~ 18:45	<p>伊朗化肥使用和供应问题以及化肥研发国际合作面临的挑战 Issues of fertilizer use and supply in Iran and challenges for international cooperation in fertilizer research and development</p>	<p>Farideh Yarahmadi</p>	<p>比利时 Cordeel 集团 Cordeel Co. Temse, Belgium</p>

### 3、大会闭幕式 Closing Ceremony

主持人：方运霆

**Chair :** Yunting Fang

**时 间:** 2024 年 9 月 6 日 18:45 ~ 19:10

**Time:** 18:45 ~ 19:10, September 6, 2024

**地 点:** 蒙山厅（三楼）

**Location:** Mengshan Hall, 3<sup>rd</sup> Floor

**内容:**

1. 宣布国际肥料科学中心副主席人选，颁发相关证书及奖项；
2. Marwa Zouari 介绍 2025 年在突尼斯承办第 51 次国际肥料科学中心会议计划和方案；
3. 会议总结（姬兰柱主席）

**Activities:**

1. Proclamation of the vice president of CIEC by Dr Silvia Haneklaus, awarding of relevant certificates and prizes by Dr Lanzhu Ji and Dr Ewald Schnug
2. Lecture about CIEC51 in Tunisia in 2025 by Marwa Zouari
3. Conference Closing Summary by Lanzhu Ji

#### 4、科学考察 Scientific Excursion

时 间：2024 年 9 月 7 日 全天

**Time:** September 7, 2024

负责人：邵明升 杨娟

**Organizers:** Mingsheng Shao and Juan Yang

地 点：施可丰公司

**Location:** ShiKefeng Chemicals Co., Ltd.

内 容：施可丰企业参观

**Activities:** To visit ShiKefeng Chemicals Co., Ltd.

## 5、主席团会议 Presidium Meeting

**主持人:** Silvia Haneklaus

**Chair:** Silvia Haneklaus

**时 间:** 2024 年 9 月 3 日 16:30 ~ 17:30

**Time:** 16:30 ~ 17:30, September 3, 2024

**地 点:** 银雀厅（二楼）

**Location:** Yinque Hall, 2<sup>nd</sup> Floor

**参加人员:** 姬兰柱、Ewald Schnug、Silvia Haneklaus、Dimitris Bouranis、石晓雨、石元亮、王艳芬、胡正义、张连凯、李真、李杰

**Participants:** Lanzhu Ji, Ewald Schnug, Silvia Haneklaus, Dimitris Bouranis, Xiaoyu Shi, Yuanliang Shi, Yanfen Wang, Zhengyi Hu, Liankai Zhang, Zhen Li and Jie Li

Time	活动 Activities
16:30~17:30	<ol style="list-style-type: none"><li>1. 国际肥料科学中心名誉主席 Ewald Schnug 致词;</li><li>2. 为 Dimitris, Luit, Olle 和胡正义颁发证书;</li><li>3. 国际肥料科学中心主席姬兰柱致辞, 并介绍 CIEC 落户的最新进展情况</li></ol> <ol style="list-style-type: none"><li>1. Speech by Ewald Schnug</li><li>2. Certificates for Dimitris, Luit, Olle and Zhengyi Hu</li><li>3. Speech by Lanzhu Ji (give an update about the official implementation process of CIEC in China)</li></ol>

## 6、CIEC 亚洲分中心养分调控管理专业技术委员会成立大会

### Inaugural Meeting of CIEC Nutrient Regulation and Management Specialized Technical Committee

主持人：石元亮

**Chair:** Yuanliang Shi

时 间： 2024 年 9 月 4 日 16:30 ~ 17:30

**Time:** 16:30 ~ 17:30, September 4, 2024

地 点： 沂河厅（二楼）

**Location:** Yihe Hall, 2<sup>nd</sup> Floor

#### 活动内容

#### Activities

1. 国际肥料科学中心主席姬兰柱致辞

Speech by Lanzhu Ji (President of CIEC)

2. 国际肥料科学中心亚洲分中心主席武志杰致辞，并宣布委员会成立

Proclamation of Inaugural Meeting of CIEC Nutrient Regulation and Management Specialized Technical Committee by Mr. Zhijie Wu

3. 代表发言讨论

Speech by Representative Guests

## 7、肥料商品展览 Fertilizer Commodities Exhibition

时 间：2024 年 9 月 5-6 日

**Time:** September 5 and 6, 2024

负责人： 李兴亮

**Organizer:** Xingliang Li

展示位置： 蒙山厅（三楼）

**Location:** Mengshan Hall, 3<sup>rd</sup> Floor

内 容： 肥料商品展览

**Activities:** Fertilizer Commodities Exhibition

## 会议须知 Conference Guidelines

- (1) 参会代表请自觉遵守会议纪律，服从大会统一安排。

Participants should follow the following directive of conference.

- (2) 会场内请关掉手机或设置静音或振动模式。

Please turn off your mobile phone or set to mute or vibration mode in conference rooms.

- (3) 如果需要使用国际电话，请到酒店服务台，费用自理。

If you wish to make international call, please go to the service desk of hotel and pay by yourself.

- (4) 机票信息请与酒店商务中心或会议秘书联系。

For ticket information, please contact the business center of hotel or the conference secretary.

- (5) 请注意保管随身物品。如果有任何疑问，请立即与会务组联系。

Please pay attention to your belongings. Please do not hesitate to contact the conference secretariat if you have any questions.

- (6) 请作报告的代表提前在注册处或会议开始前 30 分钟到会场拷贝 PPT，并完成调试。

Please upload your presentation slides to the computer at the registration desk or in the plenary at least 30 minutes before the start of a session.

- (7) 请注意会议报告 PPT 不经本人允许不准拷贝。

Please note that presentation slides are NOT allowed to be copied without presenter's permission.

- (8) 请凭借身份证或护照等有效证件领取同声传译设备，并妥善保管，丢失需按价赔偿。

Please collect the simultaneous interpretation equipments with ID card or Passport and keep it properly. If it is lost, you have to pay compensation at the original price.

- (9) 联系方式 Contact Information

会务组 Reception Group:

张丽莉 LiliZhang: +86 13940066843

学术组 Academic Group:

邓芳博 Fangbo Deng: +86 18809860241

接待组 Reception Group:

杨娟 Juan Yang: +86 13864926888

- (10) 温馨提示 Tips

临沂会议期间天气凉爽，气温 15-30℃，建议在会议期间准备长袖茄克衫、长裤和防晒用品。

It will be cool during the conference in Linyi with temperature of 15-30℃. It is recommended to prepare long-sleeved jackets, trousers, as well as sun protection for the post conference tour.

- (11) 交通信息 Travel information

会议地点：临沂宾馆（开发区店）

## Venue & Accommodation: Linyi Hotel Development Zone branch

临沂启阳机场

### Linyi Qiyang Airport to the Linyi Hotel Development Zone branch

方案 A:

临沂启阳机场公交站上车，乘坐 K37 路，临沂国际会展中心站下车，步行约 400 米到达

临沂宾馆（开发区店）。

Plan A:

Take the bus No. K37 at Linyi Qiyang Airport Station, get off at Linyi International Convention Centre Station, and walk 400 meters to the hotel.



方案 B: 机场距酒店约 5 公里，直接打车约 10 元。

Plan B: You can take a taxi to the hotel, it will cost about 10 RMB.



第 50 次国际肥料科学中心肥料大会  
50th International Fertilizer Conference of CIEC (CIEC50)



**临沂站 Linyi Station to the Linyi Hotel Development Zone branch**

方案 A: 火车站公交站上车, 乘坐 K15 路, 东方城公交站下车, 步行 500 米即到。

Plan A: Take the bus No. K15 at Railway Station. Get off at Dongfangcheng Station and walk 500 meters to the hotel.



方案 B: 临沂站距酒店约 10 公里, 直接打车约 20 元。

Plan B: You can take a taxi to the hotel, it will cost about 20 RMB.

第 50 次国际肥料科学中心肥料大会  
50th International Fertilizer Conference of CIEC (CIEC50)



**临沂北站 Linyi North Station to the Linyi Hotel Development Zone branch**

方案 A: 临沂北站公交站上车，乘坐 K37 路，临沂国际会展中心下车，步行约 400 米即到。

Plan A: Take the bus No. K37 at Linyi North Railway Station. Get off at Linyi International Convention Centre Station and walk 400 meters to the hotel.



方案 B: 临沂北站距酒店约 25 公里，直接打车约 40 元。

Plan B: You can take a taxi to the hotel, it will cost about 40 RMB.



#### 临沂东站 Linyi East Station to the Linyi Hotel Development Zone branch

方案 A: 临沂东站公交站上车, 乘坐 K6 路, 鲁南市场公交站下车, 同站换乘 206 路/K206 路, 沂河路香港路口北公交站下车, 步行约 300 米即到。

Plan A: Take the bus No. K6 at Linyi East Railway Station. Get off at Lunan Market Station, change to No. 206/K206, get off at Yihe Road Hong Kong Junction North Station and walk 300 meters to the hotel.



方案 B: 临沂东站距酒店约 15 公里, 直接打车约 25 元。

Plan B: You can take a taxi to the hotel, it will cost about 25 RMB.

第 50 次国际肥料科学中心肥料大会  
50th International Fertilizer Conference of CIEC (CIEC50)



## 企业展示 Enterprise Exhibition

### 施可丰化工股份有限公司简介

施可丰化工股份有限公司成立于 1994 年，隶属于山东翔龙集团，是中国化肥百强



企业，国家火炬计划重点高新技术企业、国家级“绿色工厂”，拥有四川雷波、辽宁北票四座磷矿山，资源储量 7 亿吨，在全国建有 12 个生产基地，肥料产能 600 万吨。是国内最大的稳定性肥料生产制造商，复合肥产销量位居国内第四位；稳定性长效缓释肥产销规模在同行业位居第一。

公司拥有博士后科研工作站、院士工作站、稳定性肥料工程技术研究中心、肥料增效技术工程实验室等国家级、省级科研平台，先后承担了“十一五”“十二五”国家科技支撑计划、“十三五”国家重点研发计划等科研项目 40 余项，主持制定了《稳定性肥料》国家标准，参与制定了《控释肥料》国际标准，行业标准十余项。先后荣获国家科技进步二等奖 2 项，省部级科技一等奖 10 项，拥有国家专利 190 余项，PCT 国际专利 6 项。主导产品“施可丰”牌系列复合肥荣获“中国驰名商标”、“中华全国供销总社名牌产品”、“山东名牌产品”、“中国农民最喜爱的农资品牌”、“中国农资行业最具价值品牌”等荣誉称号。是中国化肥行业最具科技含量及影响力的农资品牌之一。

创世界一流企业，铸国际一流品牌。公司秉承“三爱七愿”的经营理念，坚持“一体两翼”发展战略，即以化肥化工为主体，以矿产资源开发和农业全产业链科技综合服务为两翼。以数字化运营和高效能组织流程为支撑体系，形成绿色矿山、化肥化工产业链、农业全产业链科技综合服务“三位一体”的产业发展新格局。加快转型升级，适时开展产能和技术合作“走出去”，积极推进企业国际化步伐，打造新的农资航母，建设行业领先、核心竞争力突出、质量效益全面发展的现代化企业！

### Profile of ShiKefeng Chemicals Co., Ltd.

Founded in 1994, Shikefeng Chemical Co., Ltd. is affiliated to Shandong Xianglong Group. It is one of the top 100 fertilizer companies in China, a key high-tech enterprise in the National Torch Program, and a national "green factory". It owns four phosphate mines in Leibo- Sichuan and Beipiao-Liaoning, with a resource reserve of 700 million tons. It has 12 production bases across the country and a fertilizer production capacity of 6 million tons. It is the largest stable fertilizer manufacturer in China, and its compound fertilizer production and sales volume ranks



fourth in China; the production and sales scale of stable long-acting slow-release fertilizer ranks first in the same industry.

The company has national and provincial scientific research platforms such as postdoctoral research workstations, academician workstations, stable fertilizer engineering technology research centers, and fertilizer efficiency engineering laboratories. It has successively undertaken more than 40 scientific research projects such as the "Eleventh Five-Year Plan" and "Twelfth Five-Year Plan" National Science and Technology Support Plans, and the "Thirteenth Five-Year Plan" National Key R&D Plan. It presided over the formulation of the national standard "Stable Fertilizers" and participated in the formulation of the international standard "Controlled Release Fertilizers", and more than ten industry standards. It has won 2 second prizes in the National Science and Technology Progress Award, 10 first prizes in provincial and ministerial science and technology awards, and has more than 190 national patents and 6 PCT international patents. The leading product "SKF" brand series of compound fertilizers has won the honorary titles of "China Well-known Trademark", "Famous Brand of All-China Federation of Supply and Marketing Cooperatives", "Shandong Famous Brand", "Chinese Farmers' Favorite Agricultural Materials Brand", "China's Most Valuable Brand in Agricultural Materials Industry". It is one of the most technologically advanced and influential agricultural materials brands in China's fertilizer industry.

Create a world-class enterprise and build an international first-class brand. The company adheres to the business philosophy of "Three Loves and Seven Wishes" and adheres to the "One Body and Two Wings" development strategy, that is, fertilizer and chemical industry as the main body, and mineral resource development and agricultural full industry chain technology comprehensive services as the two wings. With digital operation and high-efficiency organizational processes as the support system, a new industrial development pattern of "three-in-one" green mines, fertilizer and chemical industry chain, and agricultural full industry chain technology comprehensive services is formed. Accelerate transformation and upgrading, carry out "going out" of production capacity and technological cooperation in a timely manner, actively promote the internationalization of enterprises, create a new agricultural input aircraft carrier, and build a modern enterprise that leads the industry, has outstanding core competitiveness, and comprehensively develops quality and efficiency!

## 沈阳中科新型肥料有限公司

沈阳中科新型肥料有限公司是由中科院沈阳应用生态研究所与沈阳科技风险投资有



限公司于 2001 年合资组建的有限责任公司，是中科院沈阳应用生态研究所面向企业转化稳定性技术的唯一窗口企业，是院地合作的结晶，连续多年被省科技厅认定为高新技术企业。同时也是土壤养分高效利用国家工程实验室，辽

宁省肥料工程技术研究中心和沈阳新型肥料技术研究推广技术中心。公司长期从事新型肥料前沿领域的研究工作，是中国稳定性肥料技术的创领者。其中，“长效碳酸氢铵研制与应用”1998 年获得国家科技进步二等奖和中国科学院科学进步特等奖、“长效缓释肥研制与应用”2008 年获得国家科技进步二等奖、长效复合肥添加剂-NAM2007 年获得辽宁省科技进步一等奖，起草并制定国家稳定性肥料国家标准。

### **Shenyang Zhongke New Fertilizer Co., Ltd.**

Shenyang Zhongke New Fertilizer Limited Company is a limited responsibility company cooperatively established in 2001 by Shenyang Institute of Applied Ecology, Chinese Academy of Sciences (holding unit) and Shenyang Scientific and Technological Venture Investment Limited Company, we are an enterprise of high and new technologies recognized by the provincial Scientific and Technological Department, and is the crystal of the cooperation between Chinese Academy of Sciences, local government and firm; we are also the Research Center of Liaoning Fertilizer Engineering and Technology, and the Shenyang Research and Popularization Center for New-type Fertilizer Techniques. We mainly engage in the researches, exploitations and popularizations of new-type fertilizers (mainly being longer available fertilizers) of longer fertilizer effects and high utilization ratios as well as the management of correlative products. By years of accumulation, we have won a second prize of Chinese Scientific and Technological Progress Award, and a first prize of Liaoning Provincial Scientific and Technological Progress Award. In year 2013, Zhongke Fertilizer has passed the re-examination of Liaoning Provincial High-Tech Enterprises.

## 会议记录 Notes



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