



对外经济贸易大学
University of International Business and Economics



第12届北京洪堡论坛 The 12th Beijing Humboldt Forum

绿色经济·文化传承·教育对外开放
Green Economy·Cultural Heritage·Internationalization of Higher Education

全球锂资源的可持续发展战略——

Saltroad meets Silkroad (SMS)

2024 年会

Towards a Sustainable Lithium Economy——
Saltroad Meets Silkroad (SMS) 2024 Annual Conference

2024年9月21日

对外经济贸易大学

September 21, 2024

University of International Business and Economics (UIBE)

全球锂资源的可持续发展战略—— Saltroad meets Silkroad (SMS) 2024 年会

时间：2024 年 9 月 21 日（星期六）13:00-17:00（北京时间）/
7:00-11:00（柏林时间）

地点：对外经济贸易大学行政楼 222

中方主席：王亚洲，南京新港高新技术产业园科技招商中心主任

外方主席：Prof. Dr. Ralf Wehrspohn, 德国锂技术与经济研究所所长、
马丁路德哈勒 - 维滕贝格大学教授

1. 参会嘉宾



2. 会议主题摘要

本次会议将在北京洪堡论坛的框架下，探讨一个具有全球意义的重要问题：能源转型过程中关键原材料的短缺。从稀土需求的爆炸式增长到如今的锂需求，如何在此背景下实现工业的去化石化是我们面临的重大挑战。作为北京洪堡论坛的分论坛，我们将延续以往会议的传统，结合中德两国在锂资源行业的努力，探讨如何在技术和经济上为减少二氧化碳排放及关键性能源的可持续利用做出贡献。具体而言，我们将探讨如何形成新的绿色创新价值链，循环利用锂渣，为工业的去化石化提供技术和经济上的解决方案。同时，我们将重点关注锂电池和电动汽车的发展，推动绿色交通和可再生能源的普及。

会议的核心议题包括：

- 全球锂市场的机遇和挑战
- 锂精炼技术与供应链的可持续发展
- 锂电池的前景与电动汽车的发展
- 循环经济中的环境、社会和治理 (ESG) 标准
- 回收与再利用

3. 主席简历

国际主席

Ralf B. Wehrspohn 是德国锂技术与经济研究所的 Co-CEO，弗劳恩霍夫协会（Fraunhofer-Gesellschaft）执行董事会成员，负责技术营销与商业模式领域。他在奥尔登堡大学学习物理，并在法国的巴黎综合理工学院（École Polytechnique）获得博士学位。之后，他成为帕德博恩大学的教授。在此期间，他曾在伦敦的飞利浦研究公司工作，并在哈勒的马克斯普朗克微观结构物理研究所完成了教授资格（Habilitation）。2006 年至 2019 年间，他担任哈雷的弗劳恩霍夫材料和系统微观结构研究所（IMWS）所长。

Ralf B. Wehrspohn 的研究重点是纳米技术和微观结构的解析，近年来逐渐转向材料的数字化。他是德国研究基金会的 Heinz Maier Leibniz 奖获得者、陶氏化学科学协会奖得主，以及麻省理工学院（MIT）创新奖获得者。2004 年，《金融时报德国》将他评为德国 101 位最具创新精神的头脑之一。

国内主席

王亚洲，南京新港高新技术产业园科技招商中心主任

4. 大会流程

时间	报告人姓名	报告人单位	报告题目
13:00-13:15 (Beijing) 7:00-7:15 (Berlin)	赵忠秀 教授	对外经济贸易大学 校长	致辞
13:15-13:30 (Beijing) 7:15-7:30 (Berlin)	王亚洲	南京新港高新技术 产业园科技招商 中心主任	致辞
13:30-13:45 (Beijing) 7:30-7:45 (Berlin)	Prof. Dr. Christian Tietje	马丁路德哈勒 - 维滕贝格大学教授	原材料外交与 国际经济法
13:45-14:00 (Beijing) 7:45-8:00 (Berlin)	张婧	大众（中国）电芯 技术与仿真主管	电池材料在中国的发展
14:00-14:10 (Beijing) 8:00-8:10 (Berlin)	问答环节		
14:10-14:25 (Beijing) 8:10-8:25 (Berlin)	Falk Lange	斯恩特首席执行官	新能源汽车的电池管理 系统
14:25-14:40 (Beijing) 8:25-8:40 (Berlin)	俞胜瑜	浙江锋锂营销总监	高比能电池开发进展
14:40-14:55 (Beijing) 8:40-8:55 (Berlin)	朱东升	长天新能源副总裁	磷酸铁锂电池脱离 “内卷”的有效途径
14:55-15:10 (Beijing) 8:55-9:10 (Berlin)	问答环节		
15:10-15:40 (Beijing) 9:10-9:40 (Berlin)	茶歇		
15:40-15:55 (Beijing) 9:40-9:55 (Berlin)	Konstantin Deichsel Jannik Schmitz	RochTech 项目开发 与创新副总裁 RochTech 供应链高 级经理	RockTech 的零废弃战略 及其在欧洲市场的相关 ESG 标准
15:55-16:10 (Beijing) 9:55-10:10 (Berlin)	刘刚锋 博士	苏州博萃循环科技 有限公司董事， 合伙人，技术总监	锂离子电池市场与先进 回收技术的可持续发展

16:10-16:25 (Beijing) 10:10-10:25 (Berlin)	Prof. Dr. Ralf Wehrspohn	德国锂技术与经济 研究所所长 马丁路德哈勒 - 维 滕贝格大学教授	锂循环经济
16:25-16:40 (Beijing) 10:25-10:40 (Berlin)	问答环节		
18:30-21:30 (Beijing) 12:30-15:30 (Berlin)	Saltroad meets Silkroad (SMS) 2024 年会晚宴		

5. 联系人信息

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Towards a Sustainable Lithium Economy —— Saltroad Meets Silkroad (SMS) 2024 Annual Conference

Time: 13:00-17:00 (Beijing) / 7:00-11:00 (Berlin), September 21, 2024 (Saturday)

Venue: Room 222, Administration Building, University of International Business and Economics

DC: WANG Yazhou, Director of the Technology Investment Promotion Center, Nanjing Xingang National Hi-tech Industrial Park

IC: Prof. Dr. Ralf Wehrspohn, Co-CEO of German Institute for Technology and Economics of Lithium (ITEL) and Professor of Martin-Luther-University Halle-Wittenberg

Conference Guests



Abstract of Session:

This year's conference, part of the Beijing Humboldt Forum, will address a globally significant issue: the scarcity of key raw materials in the energy transition. From the explosive growth in demand for rare earth elements to the current surge in demand for lithium, achieving industrial defossilization in this context is a major challenge.

As a subforum of the Beijing Humboldt Forum, we will continue the tradition of previous meetings and combine the efforts of China and Germany in the lithium resource industry to explore how to contribute to the reduction of carbon dioxide emissions and the sustainable use of critical energy sources from both technological and economic perspectives. Specifically, we will explore how to form a new green innovation value chain and recycle lithium slag to provide technological and economic solutions for industrial defossilization. At the same time, we will focus on the development of lithium batteries and electric vehicles, promoting green transport and the spread of renewable energy.

Key themes of the conference:

- Opportunities and challenges in the global lithium market
- Sustainable development of lithium refining technology and supply chain
- Prospects for lithium batteries and electric vehicle development
- Environmental, Social and Governance (ESG) standards in a circular economy
- Recycling and reuse

Chairman's Resume

International Chair

Ralf B. Wehrspohn is Co-CEO of Institute for Technology and Economics of Lithium and a member of the Executive Board of Fraunhofer-Gesellschaft. He leads the board area Technology Marketing and Business Models. Ralf B. Wehrspohn studied physics at the University of Oldenburg and received his doctorate at the École Polytechnique in France. He became a professor at the University of Paderborn. In between he worked in industry at Philips Research in London and habilitated at the Max Planck Institute for Microstructure Physics in Halle. From 2006 till 2019 he was head of the Fraunhofer Institute for Microstructure of Materials and Systems IMWS in Halle. Ralf B. Wehrspohn's work focuses on nanotechnology and microstructure elucidation and increasingly on the digitisation of materials. Ralf B. Wehrspohn is the Heinz Maier Leibniz Prize winner of the German Research Foundation, the winner of the DOW Chemical Science Association Prize and the Innovation Prize of the Massachusetts

Institute of Technology MIT. The Financial Times Deutschland ranked him among the 101 most innovative minds in Germany in 2004.

Domestic Chair

WANG Yazhou, Director of the Technology Investment Promotion Center, Nanjing Xingang National Hi-tech Industrial Park

Program Schedule

Time	Speaker	Affiliation	Topic
13:00-13:15 (Beijing) 7:00-7:15 (Berlin)	Prof. Dr. ZHAO Zhongxiu	President of University of International Business and Economics	Speech
13:15-13:30 (Beijing) 7:15-7:30 (Berlin)	WANG Yazhou	Director of the Technology Investment Promotion Center, Nanjing Xingang National Hi-tech Industrial Park	Speech
13:30-13:45 (Beijing) 7:30-7:45 (Berlin)	Prof. Dr. Christian Tietje	Professor of Martin-Luther University Halle Wittenberg	Raw Materials Diplomacy and International Economic Law
13:45-14:00 (Beijing) 7:45-8:00 (Berlin)	ZHANG Jing	Head of cell technology and simulation of VW Group (China)	Battery Raw Material in China
14:00-14:10 (Beijing) 8:00-8:10 (Berlin)	Discussion		
14:10-14:25 (Beijing) 8:10-8:25 (Berlin)	Falk Lange	CEO of Smart Nature Technology	Battery Management for new NEV vehicle grids
14:25-14:40 (Beijing) 8:25-8:40 (Berlin)	YU Shengyu	Marketing Director of Zhejiang FunLithium New Energy Tech Co., Ltd.	Introduction to high energy density battery

14:40-14:55 (Beijing) 8:40-8:55 (Berlin)	ZHU Dongsheng	Vice President of Newcell Technology Co., Ltd.	Effective way out of Involution for LFP
14:55-15:10 (Beijing) 8:55-9:10 (Berlin)	Discussion		
15:10-15:40 (Beijing) 9:10-9:40 (Berlin)	Coffee Break		
15:40-15:55 (Beijing) 9:40-9:55 (Berlin)	Konstantin Deichsel Jannik Schmitz	VP Project Development & Innovation of Rocktech Lithium Senior Supply Chain Manager of Rocktech Lithium	Rock Techs' Zero- Waste Strategy and relevant ESG-Criteria in the European market
15:55-16:10 (Beijing) 9:55-10:10 (Berlin)	Dr. LIU Gangfeng	Director, Partner and Technical Director of Botree Cycling Sci&Tech Co., Ltd	Li-ion Battery Market and Advanced Recycling Technology for Sustainable Development
16:10-16:25 (Beijing) 10:10-10:25 (Berlin)	Prof. Dr. Ralf Wehrspohn	Co-CEO of ITEL German Lithium Institute and Professor of Martin-Luther- University Halle- Wittenberg	Lithium Circular Economy
16:25-16:40 (Beijing) 10:25-10:40 (Berlin)	Discussion		
18:30-21:30 (Beijing) 12:30-15:30 (Berlin)	Saltroad Meets Silkroad (SMS) 2024 Annual Conference Gala Dinner		

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