

# 第五期侨界院士大讲堂暨硬科技项目路演成功举办

## The 5th Overseas Chinese Academician Lecture Hall & Hard Technology Project Roadshow Successfully Held

文/北京海归协会 (By Beijing Association Of Overseas Returnees)



院士大讲堂活动现场

The venue of the Academy Lecture Hall.

4月20日, 北京海归协会院士专家工作中心成功举办第五期侨界院士大讲堂暨硬科技项目路演活动。本次活动以“碳中和与碳达峰”为主题, 活动由中心石卢磊主任主持, 特邀挪威皇家科学院院士、挪威工程院院士、世界碳捕集利用与封存理事会

On April 20, the Beijing Association Of Overseas Returnees Academician Expert Work Center successfully held the 5th Overseas Chinese Academician Lecture Hall & Hard Technology Project Roadshow. Centered on the theme of Carbon Peaking and Carbon Neutrality, the event was presided over by Director Shi Lulei of the Center. Academician Yang Tao, Member of the Norwegian Academy of Technological Sciences (NTVA) and the Royal Norwegian Society of Sciences and Letters (DKNVS), Founding Chair of World CCUS Council, was specially invited



杨涛院士进行项目分享

Academician Yang Tao gave a project presentation.

创始主席杨涛院士作主旨报告，汇聚了多位资深顾问、专家学者及硬科技项目代表，共同探讨绿色低碳技术的创新发展与产业化路径。

院士专家中心首席顾问、国家外国专家局教科文卫专家司原司长杨长聚，中心首席顾问、中国国际人才交流基金会原主任苏光明，北京海归协会秘书长、中心监事长钱旺，以及中心专家顾问、中建材CBMI中法碳中和中心负责人陈金辉教授等嘉宾出席活动。包括清华大学、北京现代城市发展研究中心、中材建设等来自科研机构、投资机构及产业界的多位代表共同参与了本次活动。

在主旨报告环节，杨涛院士以

to deliver a keynote speech. The event gathered a number of senior consultants, experts, scholars and representatives of hard technology projects to jointly discuss the innovative development and industrialization pathways of green and low-carbon technologies.

The event was attended by distinguished guests including Yang Changju, Chief Advisor of the Center, former Director of the Department of Education, Science, Culture and Health Experts, State Administration of Foreign Experts Affairs; Su Guangming, Chief Advisor of the Center and former Director of China International Talent Exchange Foundation; Qian Wang, Secretary-General of Beijing Association Of Overseas Returnees and Supervisor-General of the Center; Professor Chen Jinhui, Expert Advisor of the Center and Director of China-France Carbon Neutrality Center, CBMI China National Building Material Group.

Representatives from research institutions, investment institutions and industrial sectors, including Tsinghua University, Beijing Modern Urban Development Research Center and CBMI Construction Co., Ltd., also participated in the event.

In the keynote speech session, Academician Yang Tao



石卢磊主任(右三)向杨涛院士(左三)颁发聘书

Director Shi Lulei (right 3) presented a certificate of appointment to Academician Yang Tao (left 3).

《国际碳捕集利用与封存 (CCUS) 技术进展与国际合作前景展望》为题, 从全球CCUS发展现状与驱动力、关键技术进展与挑战、深化国际合作前景与中国机遇等几个层面展开系统阐述。他指出, 当前CCUS技术正加速成熟, 全球项目进入规模化、集群化新阶段, 政策驱动是现阶段发展的核心, 但长期需依靠技术进步与成本下降。杨院士强调, 国际合作是推动CCUS成为全球性解决方案的必由之路, 潜力巨大, 呼吁各方携手攻克技术难关、创新商业模式、构建合作桥梁, 让CCUS为实现全球气候目标和绿色工业革命贡献关键力量。

为进一步加强中心在低碳领域

delivered a presentation entitled Progress in International Carbon Capture, Utilization and Storage (CCUS) Technologies and Prospects for International Cooperation. He systematically elaborated on the topic from multiple perspectives, including the global development status and driving forces of CCUS, advances and challenges in key technologies, prospects for deepening international cooperation as well as opportunities for China.

He pointed out that CCUS technologies are becoming increasingly mature at an accelerated pace, and global CCUS projects have entered a new stage of large-scale and clustered development. Policy incentives serve as the core driver for current development, while long-term growth relies on technological progress and cost reduction.

Academician Yang emphasized that international cooperation is the only way to promote CCUS as a global solution with enormous potential. He called on all parties to jointly tackle technological bottlenecks, innovate business models and build cooperation bridges, so that CCUS can make vital contributions to achieving global climate goals and the green industrial revolution.



陈金辉教授进行项目分享

Professor Chen Jinhui is giving a project presentation.

的智库建设, 活动期间举行了专家聘任仪式。中心正式聘请杨涛院士担任专家顾问委员会碳捕集利用与封存 (CCUS) 领域首席顾问, 石卢磊主任代表中心向杨涛院士颁发聘书。

在硬科技项目路演环节, 中建材 CBMI 中法碳中和中心负责人陈金辉教授分享了中材建设在碳中和领域的实践案例及合作伙伴融资计划, 展示了相关企业在低碳技术应用与产业化方面的探索成果。

随后, 北京航空航天大学郝帅博士介绍了“风电运维智导助手”项目, 该项目聚焦风电场的智能运维与决策支持, 展现了新能源领域的技术创新潜力。

To further strengthen the think tank development of the Center in the low-carbon sector, an expert appointment ceremony was held during the event. The Center officially appointed Academician Yang Tao as Chief Advisor for Carbon Capture, Utilization and Storage (CCUS) under the Expert Advisory Committee. Director Shi Lulei presented the appointment letter to Academician Yang Tao on behalf of the Center.

In the hard technology project roadshow session, Professor Chen Jinhui, Director of the China-France Carbon Neutrality Center under CBMI China National Building Materials Group, shared practical cases of CBMI Construction in the carbon neutrality sector as well as financing plans for its partners. He presented the exploratory achievements of relevant enterprises in the application and industrialization of low-carbon technologies.

Subsequently, Dr. Hao Shuai from Beihang University introduced the project *Intelligent Operation and Maintenance Guidance Assistant for Wind Power*. Focusing on intelligent operation, maintenance and decision support of wind farms, the project demonstrates the technological innovation potential



郝帅博士进行项目介绍

Dr. Hao Shuai gave an introduction to the project.

活动最后，中心首席顾问苏光明司长对整场活动进行总结。他从国际科技合作与绿色低碳发展的宏观视角出发，肯定了本次大讲堂在促进技术交流、对接产业资源方面的积极作用，并鼓励与会各方持续关注CCUS等前沿领域，共同推动科技成果转化与可持续发展目标的实现。

北京海归协会院士专家工作中心将继续发挥海内外智力资源的桥梁作用，聚焦国家绿色发展战略，持续举办高质量主题活动，助力碳达峰碳中和目标下的科技创新与国际合作。

in the new energy sector.

At the conclusion of the event, Su Guangming, Chief Advisor of the Center, delivered a summary speech. From a macro perspective of international scientific and technological cooperation and green low-carbon development, he affirmed the positive role of this lecture hall in promoting technological exchanges and industrial resource docking. He also encouraged all participants to continuously focus on cutting-edge fields including CCUS, and jointly advance the commercialization of scientific and technological achievements and the achievement of sustainable development goals.

The Beijing Association Of Overseas Returnees Academician Expert Work Center will continue to serve as a bridge for intellectual resources at home and abroad. Focusing on national green development strategies, it will keep organizing high-quality themed events to support scientific and technological innovation and international cooperation under the goals of carbon peaking and carbon neutrality.