青年科学家学术交流会议：农林科技成果转化与国际合作专场在京成功举办

Series of Academic Exchanges for Young Scientists: Special Session on Agroforestry S&T Achievement Transformation and International Cooperation Successfully Held in Beijing

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3月20日，以“农林科技成果转化与国际合作”为主题的青年科学家学术交流活动在京成功举办。本次活动由引智科技服务平台、中关村天合科技成果转化促进中心、浙江火炬生产力促进中心联合举办，邀请了来自北京市农林科学院各院所以及相关企业的青年科学家及代表参加。活动由中关村天合科技成果转化促进中心常务副主任蒋宜珍主持。

交流环节，来自北京市农林科学院植保所、林果所、草花所等团队的青年科技骨干就各自研究领域展示核心成果与技术优势：

食用菌创新团队分享了植保

On March 20, the Series of Academic Exchanges for Young Scientists themed Agroforestry S&T Achievement Transformation and International Cooperation was successfully held in Beijing. The event was jointly organized by the Service Platform for International Professionals, ZGC Tianhe Technology Transfer Center and Zhejiang Torch Productivity Promotion Center. It invited young scientists and representatives from various institutes of Beijing Academy of Agriculture and Forestry Sciences as well as relevant enterprises to participate. The event was presided over by Jiang Yizhen, Executive Deputy Director of ZGC Tianhe Technology Transfer Center.

During the exchange session, young scientific backbones from teams including the Plant Protection Institute, Forest and Fruit Tree Institute, and Turf and Flower Institute of Beijing Academy of Agriculture and Forestry Sciences presented their core achievements and technical advantages in respective research fields:

The Edible Fungi Innovation Team shared achievements of the Plant Protection Institute in shiitake mushroom breeding, germplasm resource bank construction, under-forest cultivation and green prevention and control of diseases and pests. It

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所在香菇育种、种质资源库建设、林下栽培与病虫害绿色防控等领域的成果，重点推介园林废弃物循环利用、食用菌药食同源与高蛋白饲料化技术，呈现了破解农村空心化问题，助力乡村产业振兴的新模式。

草花与生态修复团队展示了草花所的观赏草、节水苔草、生态修复草等低维护、高抗性品种，分享冬奥会、城市景观、盐碱地治理、矿山生态修复等应用场景，突出“低成本管护、高生态效益”差异化优势。

林果与南果北种团队呈现院所在桃、樱桃、草莓、火龙果、燕窝果、释迦果等特色品种选育与

highlighted technologies including the recycling of garden wastes, medicinal and edible homologous edible fungi, and high-protein feed conversion. The team presented a new model for addressing rural hollowing issues and supporting rural industrial revitalization.

The Flower and Ecological Restoration Team presented low-maintenance and high-resistance varieties from the Institute of Ornamental Flowers, including ornamental grasses, water-saving sedges, and ecological restoration grasses. It shared their application scenarios in the Winter Olympics landscape, urban landscaping, saline-alkali land improvement, mine ecological restoration and other fields, highlighting the differentiated advantages of low-cost management and maintenance and high ecological benefits.

The Forest, Fruit and Southern Fruit Northern Cultivation Team demonstrated the institute's research achievements in characteristic variety breeding and protected cultivation technologies of peach, cherry, strawberry, pitaya, yellow dragon fruit and sugar apple. It promoted mature industrial transformation solutions including dwarf dense planting, tissue culture virus-free technology and walnut deep processing, and

设施栽培技术，推介矮化密植、组培脱毒、核桃深加工等成熟转化方案，探索热带水果北方设施化、观光化、高值化路径。

生态与智慧监测团队聚焦森林生态、碳汇评估、退化草地修复、矿区生态治理，对接智慧农林监测、低空巡检等智能技术，推动生态价值转化为经济价值。

产业与平台嘉宾现场分享资源、提供务实支持：浙江火炬生产力促进中心分享智者大模型成果匹配与企业需求挖掘能力，与专家科研成果进行匹配对接，推动横向合作与创业项目技术合作；引智科技服务平台负责人分享了国际人才引育、境外培训、“一带一路”科技输出与非洲等区域国际合作项目实践经验，以及成立技术经理人事务所，助力科技成果转化落地。种子与农产品流通企业负责人聚焦品种权保护、差异化定价、渠道闭环、深加工增值，为科研成果商业化落地提供可借鉴实战方案。

与会专家围绕食用菌替代豆粕蛋白、农林废弃物高值化利用、药食同源功能食品开发、林下经济一体化方案、国际合作项目谋划等热点展开深度研讨，达成多项共识：开展食用菌种植等各领域专题报告会；提前布局国际合作，推动中国农林技术“走出去”；建立常态化青年科学家交流机制，小成果快转化、大项目共

explored the pathways for protected cultivation, sightseeing development and high-value industrialization of tropical fruits in northern China.

The Ecology & Intelligent Monitoring Team focuses on forest ecology, carbon sink assessment, degraded grassland restoration and mining area ecological governance. It integrates intelligent technologies including intelligent agriculture and forestry monitoring and low-altitude inspection, so as to promote the transformation of ecological value into economic value.

Guests from the Industry & Platform Sector shared resources and delivered practical on-site support. Zhejiang Torch Productivity Promotion Center presented its capabilities in intelligent large model-based achievement matching and enterprise demand mining, conducted docking and matching between experts' scientific research achievements and enterprise demands, and facilitated horizontal cooperation as well as technological collaboration for startup projects. The person in charge of the Service Platform for International Professionals shared practical experience in international talent introduction and cultivation, overseas training, technology export under the Belt and Road Initiative, and international cooperation projects in regions including Africa. It also introduced the establishment of a Technology Manager Institute to support the implementation and industrialization of scientific and technological achievements. Representatives of seed and agricultural product circulation enterprises focused on variety rights protection, differentiated pricing, closed-loop channels and intensive processing value-added services, providing actionable practical solutions for the commercialization and implementation of scientific research achievements.

Participants and experts conducted in-depth discussions on hot issues including edible fungi as alternative protein source for soybean meal, high-value utilization of agricultural and forestry wastes, development of homology medicine-food functional foods, integrated under-forest economic solutions, and planning of international cooperation projects. Multiple consensuses were reached as follows: to organize special seminars covering edible fungi cultivation and other fields; to make advance arrangements for international cooperation and support the global outreach of China's agricultural and forestry technologies; to establish a regular exchange mechanism for young scientists, featuring rapid commercialization of minor research achievements and joint planning of major projects.

谋划等。

本次活动既是青年科技人才的思想碰撞会，也是农林科技成果的对接洽谈会，展示了青年科学家在农林科技领域的研究成果和创新实践。未来，引智科技服务平台将继续组织青年科学家学术交流活动，围绕学术交流、产研交流、国际交流、情感交流“四个交流”，聚焦科技领域、成果转化、国际合作三大主线，开展精准对接、项目谋划、政策解读与资源匹配活动，让更多包括农林在内的科技成果走出实验室、走向大市场，以科技创新助力新质生产力发展。

This event serves as both an intellectual exchange forum for young scientific and technological talents and a matchmaking conference for agricultural and forestry scientific and technological achievements, demonstrating the research findings and innovative practices of young scientists in the agricultural and forestry science and technology sector.

Moving forward, the Service Platform for International Professionals will continue to organize Series of Academic Exchanges for Young Scientists. Centering on the Four Exchanges—academic exchanges, industry-research exchanges, international exchanges and emotional exchanges—and focusing on three major priorities including scientific and technological development, achievement transformation and international cooperation, the Platform will carry out targeted matchmaking, project planning, policy interpretation and resource matching activities. It will facilitate more scientific and technological achievements including agricultural and forestry technologies to move out of laboratories and into the market, and support the development of new quality productive forces through scientific and technological innovation.

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