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雷廷宙，博士，研究员，博士生导师。现任河南省科学院副院长、河南省生物质能源重点实验室主任、河南省秸秆能源化利用工程技术研究中心主任、河南省生物质基能源及材料国际联合实验室主任。兼任国家高技术研究发展计划先进能源领域专家组专家、中国可再生能源学会常务理事生物质能专委会副主任委员兼秘书长、《太阳能学报》《电力技术》杂志编委、《河南科学》杂志总编、天津大学和河南农业大学博士生导师。

从事生物质能源技术研究和工程开发30年，主要致力于生物质液体燃料、生物质成型燃料、生物质混烧发电、生物质气化热解和燃烧等技术方向。主持和参与了40多项国家和省级重大重点科研课题，包括国家863主题项目、国家863计划、国家科技支撑计划、国家自然科学基金等；获国家科学技术进步奖二等奖1项，河南省科学技术进步奖一等奖2项、二等奖4项；获得国际专利公开2项，国家专利授权60多项；发表论文140多篇，其中SCI收录58篇。享受国务院特殊津贴，被评为国家百千万人才、国家有突出贡献中青年专家、全国优秀科技工作者、中原学者、首届河南省杰出专业技术人才。2017年获中国工程院院士提名。

Tingzhou Lei (PhD, Professor, PhD supervisor) is the vice president of “Henan Academy of Sciences”, the director of “Henan Key Lab of Biomass Energy”, “Henan International Joint Research Laboratory for Biomass Based energy and Materials” and “Henan Engineering Research Center of Straw Energy Utilization” at present. He also

undertakes the expert of advanced energy technologies of the National High Technology Research and Development Program. He is the vice chairman and secretary general of Biomass Energy Committee, Chinese Renewable Energy Society. He is editor of “Acta Energiae Solaris Sinica” and “Electric Power Standardization & Construction Cost Control Information” and editor-in-chief of “Henan Science”. Prof Lei is a PhD supervisor of Tianjin University and Henan Agricultural University.

Dr. Lei has been engaging in research and engineer development of biomass energy for 30 years, especially biomass liquid fuels, biomass briquette fuels, biomass co-firing power, biomass gasification, pyrolysis and combustion. He has chaired more than 40 national and provincial research projects, including thematic project and plan of the Hi-tech Research and Development Program of China, the National Science and Technology Support Program, the Natural Science Foundation of China, etc. Dr. Lei has gotten several prizes, including 1 second prize of China National Science and Technology, 2 first prizes and 4 second prizes of Provincial Science and Technology. He has also gotten 2 international invention patents and over 60 China national patents. He has published over 140 papers in academic journals, including 58 papers being indexed by Science Citation Index. Prof. Lei enjoys the Special Allowance of the State Council, has been listed in the National Millions of Talent Projects, the Outstanding Contributions Young and Middle-aged Experts, the National Outstanding Scientific and Technical Workers, Central Plains Scholars, and the First Outstanding Professional and Technical Talents of Henan Province. In 2017, Prof. Lei was nominated by the academicians of the Chinese Academy of engineering.