海外专家系列报告——并网逆变器:挑战和解决方案及合作探讨

时间：2024年3月30日

线上报告：#腾讯会议：222-554-152(上午) #腾讯会议：525-725-440(下午)

线下报告：文昌校区教四楼101

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中国矿业大学
CHINA UNIVERSITY OF MINING AND TECHNOLOGY

- 学术报告1：Grid-forming inverters: Challenges and solutions
- 报告人：Alexandros Paspatis　　Manchester Metropolitan University, U.K.
- 时间：3月30日10:00-11:00

- 报告简介：This presentation will shed light in latest development on the topic of grid-forming inverters. Grid-forming inverters are expected to soon be required to maintain the stable operation of the power grid, both in distribution and transmission systems. In particular, challenges and solutions with regards to the operation under faults, black start operation, modelling and stability analysis will be discussed throughout the presentation. Moreover, future research directions will be provided.

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- 学术报告2：Strategic collaboration between MMU-CUMT: Next steps and opportunities
- 报告人：Alexandros Paspatis　　Manchester Metropolitan University, U.K.
- 时间：3月30日15:00-16:00

- 报告简介：This report first introduces the history, culture and talent development of the University of Manchester. It is a comprehensive public university in the UK with a wide range of subjects and departments, located in Manchester, the second busiest city in the UK in the north of central England. At present, there are nearly 40,000 students from more than 160 countries enrolled in more than 1,000 degree programs, and more than 10,000 faculty members, many of whom are world-renowned scientists. This presentation will highlight the existing collaboration between MMU and CUMT and analyse the next steps towards a strategic collaboration between the two leading institutions. The participating researchers' expertise from MMU will be highlighted, the laboratory facilities of MMU will be presented and next steps of the collaboration will be discussed.

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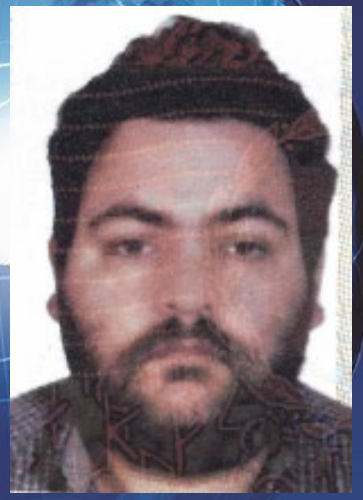

报告专家简介:

Alexandros Paspatis，IEEE 会员。于2016年获得希腊色雷斯德谟克利特大学电气与计算机工程学士学位，并于2020年获得英国谢菲尔德大学自动控制与系统工程博士学位。在整个2018年期间，他担任英国谢菲尔德大学自动控制与系统工程系的研究助理。从2020年到2023年，他在希腊雅典国立技术大学电气与计算机工程学院担任博士后研究助理，并在希腊地中海大学电气与计算机工程系担任兼职讲师。自2023年起，他在英国曼彻斯特城市大学担任讲师(助理教授)。主要研究方向包括电力逆变器控制、变流器驱动稳定性、微电网和实验室验证方法。

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