

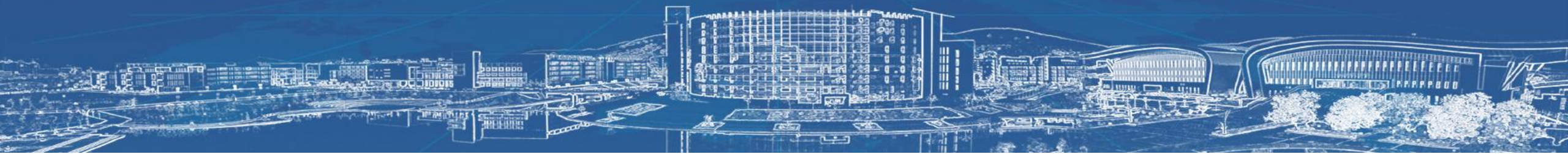


# 矿大全球讲坛—埃及新能源发电与电驱系统研究进展

时间：2025年8月26日 下午

线下报告：文昌校区教四楼101

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# 矿大全球讲坛—埃及新能源发电与电驱系统研究进展



中国矿业大学  
CHINA UNIVERSITY OF MINING AND TECHNOLOGY

报告人	时间	报告主题	报告简介
Mohamed Orabi	14: 00-15: 00	Photovoltaic Energy in Egypt Research and Testing Part 1	This presentation includes a review of these initiatives, a comprehensive overview of the technologies now in use in Egypt is presented.
Mohamed Orabi	15: 00-16: 00	Photovoltaic Energy in Egypt Research and Testing Part 2	Overview of Mega-scale PV systems and their testing of PV Systems. Discussion of Photovoltaic Research Key Points done by Aswan Power Electronics Applications Research Center.
Mahmoud Gaafar	16: 00-17: 00	Switched Reluctance Motors Converters Part 1	SRMs are recently gaining increased interest in many applications. However, due to high levels of torque ripple and acoustic noise, SRM drive system needs further development for wide adoption especially in high-performance applications such as EV.
Mahmoud Gaafar	17: 00-18: 00	Switched Reluctance Motors Converters Part 2	Discuss and compare of number of SRM converters that have emerged previously. Then, a new multilevel SRM converter will be presented. This multilevel converter can be used for multiphase SRM.

## 报告专家简介:



**Mohamed Orabi**, 埃及阿斯旺大学教授, 阿斯旺电力电子应用研究中心创始人、主任。埃及工程科学国家奖获得者, IEEE电力电子埃及分部主席。长期致力于电力电子变换器新拓扑、新控制方法和新模型处理的研究。



**Mahmoud Abdelwahab Gaafar**, 埃及阿斯旺大学副教授, 主要研究方向为电力电子转换器、电动汽车 (电池管理和电机驱动系统)、可再生能源系统、电磁兼容性。

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## 承办单位：

新能源电动车技术与装备中东欧国家国际联合研究中心

江苏省外国专家工作室

江苏省高校新能源发电与电动车国际合作联合实验室

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徐州市电动汽车动力系统高价值专利培育示范中心

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