

海外专家学者系列报告会 (2024年第1期)

报告题目: Green Energy from Below: The Promise of
Geothermal Power

报告专家: Ranjith P.G. (中国工程院外籍院士、澳大利
亚技术科学与工程院院士、莫纳什大学教授)

报告时间: 2024年6月21日下午 15:00-16:30

报告地点: 力学与土木工程学院 B201

邀请人: 杨圣奇 (教授/博导)

报告专家简介:



Prof. Ranjith Pathegama Gamage is a distinguished academic and an esteemed Professor in Geomechanics Engineering at Monash University, Australia. With a profound influence on the understanding of carbon sequestration, Prof. Ranjith is an elected Fellow of the Australian Academy of Technology and

Engineering, the Chinese Academy of Engineering, and the Indian National Academy of Engineering. Additionally, he is a member of the European Academy of Science and Arts.

His research primarily focuses on sustainability, industry innovation, energy, and climate change, addressing UN Sustainability Goals 7, 9, and 13. Prof. Ranjith is renowned for his pioneering work in geothermal energy, particularly in the development and enhancement of Enhanced Geothermal Systems (EGS). He leads the 3G Deep Earth Energy Laboratory, where cutting-edge advancements in modeling and experimental techniques are being developed to improve the efficiency and viability of geothermal energy. Through his innovative research and leadership, Prof. Ranjith is committed to promoting technological innovation for environmental protection and the safe, practical recovery of resources from deep within the Earth.

中国矿业大学力学与土木工程学院
深地工程智能建造与健康运维全国重点实验室
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