

地盤工学会関西支部 60 周年記念事業 国際講演会のお知らせ

日時：2018 年 5 月 11 日（金）17：30～18：45

場所：神戸大学工学研究科 C3-302 室（神戸市灘区六甲台町 1-1）

主催：公益社団法人地盤工学会関西支部

後援：神戸大学大学院工学研究科市民工学専攻，一般財団法人建設工学研究所，神戸の減災研究会

講師：Richard J. Jardine 教授

(Professor, Dept. of Civil & Environmental Engineering, Imperial College London)

講演タイトル：56th Rankine Lecture, Geotechnics and Energy

参加料：無料

講演内容：

The 56th Rankine Lecture considers the pressing problem of ensuring vital energy supplies while also recognising, mitigating and dealing with the climate consequences of fossil fuel consumption. The Lecture's three main sections report recent geotechnical research relating to these wide ranging topics, illustrating some aspects of each with specific examples from the Speaker's portfolio. The first focuses on research to support offshore hydrocarbon production, considering platform foundations on the continental shelf and large landslide geohazards in deeper water. The second considers research into climate change impacts in warming permafrost regions and engineering to raise flood defences founded on difficult organic soils. The final section reports on current research that is having a major impact on offshore wind turbine foundations and hence renewable energy economics.

The Lecture emphasises that integrating geology and rigorous analysis with advanced laboratory and field experiments is the key to resolving the complex geotechnical problems raised; careful full-scale field monitoring is also essential to checking reliability in practice. A collaborative approach is vital to such multi-faceted research and the contributions of the Speaker's International and British co-workers are recognised throughout the Lecture.

※講演会終了後に学内にて懇親会を予定しております（1 時間程度，有料）

講演会の参加をご希望される方は，所属，氏名，懇親会参加の有無を 4/27（金）までに地盤工学会関西支部事務局までご連絡ください。

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会場地図

