

TOWARDS ISNGI 2022

A series of webinars in the run-up to the International Symposium for Next Generation Infrastructure

SPEAKER



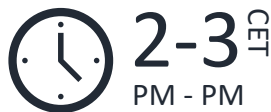
Digiproximation: Exploring the Practicalities of Infrastructure Systems Digital Twinning

Starting with the aphorism that 'All models are wrong, some are useful' (Box, 1976, attrib.) John Beckford shares insights to the opportunities, challenges and practical issues with the idea of digital twins their utility and limitations for infrastructure systems. John offers a structure within which an Intelligent Nation can enhance utility and understanding by developing models which are 'less wrong, more useful' in recognising that they are not twins but digital approximations.

John Beckford

John is a cybernetician and management scientist with a deep understanding of how data is captured and can be converted into information for decisions and adaptation. He chairs the board of <https://risemutual.org/> is a non-executive director of <https://www.fusion21.co.uk/> and <https://www.corehaus.co.uk/> and a trustee of [The Under 17 Car Club Charitable Trust](#) and Director of its subsidiary, [U17 Drivers Pathfinder Limited](#). John is President of the [Cybernetics Society](#).

John holds a PhD in Management Systems and Sciences from the University of Hull, is a Fellow of the Cybernetics Society, the RSA and the IET and a Member of The Institute of Management Services. John is Visiting Professor in the Centre for Information Management at Loughborough University and the Department of Civil, Environmental and Geomatic Engineering at University College London.



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