

Engineering the future by management

Tuesday 21 March 2023

9-10am GMT; 6-7pm JST

This webinar will discuss how to manage built environment in terms of carbon trading and how digital twins work for asset management. Two speakers from the two institutions will share their research and practice. Please note that Prof Yashiro has been greatly contributing to UTokyo-Cambridge collaboration and will retire from UTokyo this March. This is his last presentation in this project.

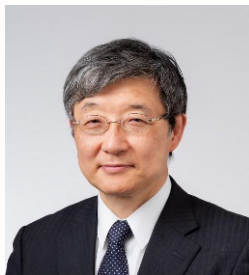
Registration:

<https://u-tokyo-ac-jp.zoom.us/join/92387666300>



Presentations

Carbon trading for the built environment related sectors by Prof Tomonari Yashiro



Tomonari Yashiro is a professor of the Institute of Industrial Science, the University of Tokyo. He was the Director General, Institute of Industrial Science, the University of Tokyo in 2009-2012. His research background is in building engineering and he has been committed to developing research on the sustainable built environment since the 1990s. He currently aims to facilitate the human-centric introduction of the Internet of Things (IoT) to the built environment.

Digital Twins for Asset Management by Prof Ajith Parlikad



Ajith Parlikad is Professor of Asset Management at Cambridge University Engineering Department. He leads a research team focused on examining how data and digital technologies can be exploited to improve resilience of complex industrial and infrastructure systems. Prof Parlikad is the Scientific Secretary of the IFAC Working Group on Advanced Maintenance Engineering, Services and Technology and sits on the editorial board of Reliability Engineering and System Safety.