

# CARE – CLIMATE-NEUTRAL AND RESOURCE-EFFICIENT CONSTRUCTION

## Speaker

**Prof. Viktor Mechtcherine**

Dresden University of Technology, Germany



## Biography

Viktor Mechtcherine has been a Professor and the Director of the Institute for Construction Materials at TUD Dresden University of Technology in Germany, since 2006. He is a member of the German National Academy of Science and Engineering and the Science Academy of Saxony. Furthermore, he is a RILEM Fellow and has been honored with the Wason Medal for Materials Research by the American Concrete Institute (ACI) and Innovation Awards from both bauma and fib. Prof. Mechtcherine is also Editor of the Journals "Cement and Concrete Composites" and "Sustainable Cement-Based Materials", and as well as Chair of RILEM TC 304-ADC "Assessment of Digitally Fabricated Concrete Materials and Structures". He is Speaker of the Cluster of Excellence CARE – Climate-neutral and resource-efficient construction" funded by the German Research Foundation (DFG) and well as Speaker of the DFG Priority Program SPP 2005 „Opus Fluidum Futurum – Rheology of reactive, multiscale, multi-phase construction materials" and DFG Research Training Group GRK 2250 „Mineral-bonded composites for enhanced structural impact safety". Finally, he is Steering Committee Member in the DFG Collaborative Research Centers TRR 339 "Digital twin of the road system – Physical-informational representation of the future road system" and TRR 280 "Design strategies for material-minimized carbon reinforced concrete structures – Principles of a new approach to construction".



**13 December 2025  
Saturday**



**5:00pm – 6:00pm**



**Civil Engineering  
Conference Room  
Room 3574 (Lift 27/28)**

## Enquiry:

Ms. Crystal Lau  
cecrystal@ust.hk