

# Development of functional construction materials incorporating numerical techniques

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## Speaker

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## Abstract

- An appropriate complementary method is needed to enhance the efficiency of developing construction materials by reducing the time and cost involved in experimental approaches.
- Various characteristics of construction materials, such as strength, thermal conductivity, and diffusivity can be accessed through a combination of experiments and numerical analysis.
- Virtual specimens based on X-ray CT and modeling techniques can be effectively employed in the development of multifunctional materials.

The seminar will be in English.