

The Interaction of Material, Process and Form in Additive Manufactured Construction

By **Harald Kloft**

Professor of structural design at TU Braunschweig

Time: **May 21st** (Wed.) 2:00–3:30 p.m.

Venue: University of Tokyo, IIS, Bldg.C 2F Lounge
(Walk-ins are welcome !)



Lecture Contents:

Additive manufacturing in Construction (AMC), also known as 3D printing, is revolutionizing the construction industry by redefining structural design, material use and manufacturing processes. This presentation talk examines the core principles of additive manufacturing in construction (AMC): material processing, digital control of manufacturing processes and computational design, with a focus on their dynamic interconnections. Based on fundamental research results, the manufacturing of large-scale prototypes made of concrete, steel and clay will be presented, illustrating the interactions between material, process and form.

Google map guides you to IIS !



Host: The university of Tokyo, IIS, Dept.5 Kawaguchi Lab.

Inquiry: Takara Muto, Lecturer Email: t-muto@iis.u-tokyo.ac.jp

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