

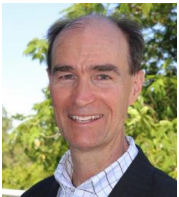
Frontiers of Concrete Technology

The Concrete Committee of the Japan Society of Civil Engineers (JSCE) holds a webinar on the frontiers in concrete research and technology to share and discuss the cutting-edge technologies of concrete materials and structures. We invite two leading researchers from the advanced field in concrete engineering. After their presentations (30min.x2), we discuss the field's current status and future direction (50min.).

Photo: Onahama Marine Bridge, JSCE Tanaka Award (2017)

Simulation of concrete and reinforced concrete structures using discrete analysis models

Invited researchers



Prof. John E Bolander
University of California Davis
United States



Prof. Hikaru Nakamura
Nagoya University
Japan

Date: March 9th 2022

Time: 10:00-12:00 (JST/UTC+9:00)

Participation fee: **Free**

zoom

Registration: <https://form.run/@3rd-JSCE-Concrete-Committee-Webinar>

* After registration, you will receive an e-mail with the URL (Zoom) of the webinar.



Inquiry: Concrete Committee, Japan Society of Civil Engineering (JSCE)
Dr. Hayato Takahashi e-mail: hayato_takahashi@rs.tus.ac.jp

3rd JSCE Concrete Committee Webinar

Frontiers of Concrete Technology

Simulation of concrete and reinforced concrete structures using discrete analysis models

Date & Time: March 9th 2022, 10:00-12:00 (JST/UTC+9:00)

10:00-10:10 Introduction of JSCE

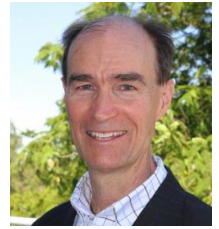
10:10-10:40 Presentation by Prof. John E Bolander, and Q&A

10:40-11:10 Presentation by Prof. Hikaru Nakamura, and Q&A

11:10-12:00 Panel Discussion

Prof. John E Bolander

2006-present Professor, University of California, Davis, United States
1994-2006 Assistant/Associate Professor, University of California, Davis, United States
1990-1994 Lecturer, Kyushu University, Japan



Prof. John E. Bolander is a professor within the Department of Civil and Environmental Engineering at the University of California, Davis. He received his Ph.D. degree in civil engineering from the University of Michigan, Ann Arbor, in 1989. He belonged to the faculty of engineering at Kyushu University, Japan, for five years prior to arriving at UC Davis in 1994. He received the Outstanding Faculty Teaching Award from the College of Engineering in 2006. He was a Fulbright Specialist on assignment in the Philippines in 2011. Prof. Bolander served as the chief editor of the international journal Cement and Concrete Composites (CCC) for the period of 2006-2012. He is a Fellow of the International Association for Fracture Mechanics of Concrete and Concrete Structures. His research and teaching interests involve the effective use of high-performance materials within the civil infrastructure. Over the past two decades, he has been a pioneering developer of discrete methods for the modeling concrete materials, including fiber reinforced cement composites.

Prof. Hikaru Nakamura

2004-present Professor, Nagoya University, Japan
2002-2004 Associate Professor, Nagoya University, Japan
1995-2002 Associate Professor, Yamanashi University, Japan
1992-1995 Lecturer, Yamanashi University, Japan



Prof. Nakamura is a Professor at Department of Civil Engineering, Nagoya University. He obtained his Doctor of Engineering from Nagoya University in 1992. His research interests are in numerical analysis, seismic design, maintenance, non-destructive test for concrete structures. Especially, he is focusing about shear failure, crack propagation, rebar corrosion and bond mechanism using a discrete model at present. He is currently director of Japan Concrete Institute (JCI), Japan Prestressed Concrete Institute (JPCI) and Editorial Board Member of Journals of Cement and Concrete Composites (CCC) and Advanced Concrete Technology (ACT).



Concrete Committee, Japan Society of Civil Engineers (JSCE)

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