

# JSCE Online Joint Seminar

**Advanced technologies and issues related to thermal effect of concrete in Singapore and Japan**

## About Seminar

The online joint seminar will be held to exchange the information related to thermal effect of concrete in Singapore and Japan. Concrete is subject to various thermal effects such as fire damage, hot weather casting, and thermal crack etc., which are important issues common to the world. In this seminar, we will discuss “Advanced technologies and issues related to thermal effect of concrete in Singapore and Japan”.

The seminar is sponsored by the Concrete Committee of the Japan Society of Civil Engineers (JSCE), and we invite six experts who lead this field. We are looking forward to your participation.

## Moderator

**Dr. Shingo Asamoto** (Saitama University)

## Presenter

**Dr. Tan Kang Hai**

(Nanyang Technological University)

**Mr. Lu Jin Ping**

(American Concrete Institute  
- Singapore Chapter)

**Dr. Akira Hosoda**

(Yokohama National University)

**Mr. Ono Takuya**

(Taiheiyo Singapore Pte. Ltd.)

**Mr. Toshifumi Kikuchi**

(Shimizu Corporation)

**Dr. Takumi Sugamata**

(Pozzoloth Solutions Ltd.)

**Date:** September 26<sup>th</sup>, 2022

**Time:** 10:00 - 14:40 (GMT+9)

**Venue:** Online(ZOOM)

**Admission fee:** FREE

**Registration:** <https://form.run/@Joint-Seminar2022>

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



Registration Here

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## Schedule

**Date:** September 26<sup>th</sup>, 2022 **Time:** 10:00 - 14:40 (GMT+9)

**Moderator:** Dr. Shingo Asamoto (Saitama University)

Time		Title	Presenter
GMT+7	GMT+9		
09:00 }	10:00 }	Opening remarks: Dr. Yoshinobu Ooshima, chairperson, JSCE, Concrete Committee, Sub-committee on International Affairs	
09:10	10:10		
09:10 }	10:10 }	Fire-resistant HPC and UHPC from materials to RC column performance under elevated temperature	Dr. Tan Kang Hai: Nanyang Technological University
09:40	10:40		
09:40 }	10:40 }	Singapore Experience on temperature control of mass concrete	Mr. Lu Jin Ping: American Concrete Institute Singapore Chapter
10:10	11:10		
10:10 }	11:10 }	Issues related to hot weather concrete and mass concrete cracking - JSCE standard specifications of concrete structures -	Dr. Akira Hosoda: Yokohama National University
10:40	11:40		
10:40 }	11:40 }	Q&A session	
11:10	12:10		
12:00 }	13:00 }	Suppression effect of supplementary cementitious materials (SCMs) on delayed ettringite formation (DEF) expansion	Mr. Takuya Ono: Taiheiyo Singapore Pte. Ltd.
12:20	13:20		
12:20 }	13:20 }	Application of low heat type fry ash cement to actual massive concrete	Mr. Toshifumi Kikuchi: Shimizu Corporation
12:40	13:40		
12:40 }	13:40 }	Effectiveness of Mid-range water reducer with super slump retention and setting retardation effect in Hot Weather Concrete	Dr. Takumi Sugamata: Pozzololith Solutions Ltd.
13:00	14:00		
13:00 }	14:00 }	Q&A session	
13:30	14:30		
13:30 }	14:30 }	Closing remarks	
13:40	14:40		