

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)

Application of X-ray Computed Tomography for Concrete Durability Research

Invited researchers



Prof. Takafumi Sugiyama
Hokkaido University
Japan



Prof. Michael Angelo B. Promentilla
De La Salle University
Philippines

Moderator



Assoc. Prof. Shingo Asamoto
Saitama University, Japan

Date & Time: Sept. 2nd 2022, 16:00-18:00 (JST/UTC+9:00)

Participation fee: **Free**

zoom

Registration: <https://form.run/@4th-JSCE-Concrete-Committee-Webinar>

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



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Date & Time: Sept. 2nd 2022, 16:00-18:00 (JST/UTC+9:00)

- 16:00-16:10 Introduction of JSCE
- 16:10-16:40 Presentation by Prof. Michael Angelo B. Promentilla, and Q&A
- 16:40-17:10 Presentation by Prof. Takafumi Sugiyama, and Q&A
- 17:10-18:00 Panel Discussion

Prof. Takafumi Sugiyama

2006-present Professor, Hokkaido University, Japan
1997-2006 Associate Professor, Gunma University, Japan
1994-1997 Assistant Professor, Gunma University, Japan



Prof. Sugiyama is a Professor at Advanced Social System Group, Division of Civil Engineering, Faculty of Engineering, Hokkaido University. He obtained Ph.D from the University of New Brunswick in 1994. His research interests are in supplementary cementitious materials, durability of structural concrete, and quality assessment of cement-based materials. Especially, he is focusing on development and application of high-quality X-ray technique for cement science and concrete technology. He is a currently director of Japan Concrete Institute (JCI), and a past Technical Board Chairman in the Asian Concrete Federation (ACF). He has been presented with many awards such as the Japan Concrete Institute Award (Best Paper Award) in 2006 and 2014.

Prof. Michael Angelo B. Promentilla

2014-present Professor, De La Salle University, Philippines
2010-2014 Associate Professor, De La Salle University, Philippines
2006-2010 COE/JSPP Postdoctoral Fellow, Hokkaido University, Japan



Prof. Michael Angelo B. Promentilla is a professor of Chemical Engineering and the head of the Waste and Resource Management Unit of the Center for Engineering and Sustainable Development Research (CESDR) at De La Salle University. He received his Ph.D. degree in socio-environmental engineering from Hokkaido University in 2006. He was recognized in 2013 as one of the Outstanding Young Scientists in the field of socio-environmental engineering by the Philippine National Academy of Science and Technology (NAST). Recently, he is the recipient of multiple scientific awards from the Commission on Higher Education (CHED), National Research Council of the Philippines and the Japan Concrete Institute. He is actively involved in mentoring young researchers and the founding Head of the Geopolymer and Advanced Materials Engineering Research for Sustainability Lab situated at De La Salle University.