

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)

Advances on Life-Cycle Bridge Engineering

Invited researchers



Prof. Fabio Biondini
Politecnico di Milano, Italy



Prof. Mitsuyoshi Akiyama
Waseda University, Japan

Date: April 13th 2023

Time: 16:00-18:00 (JST/UTC+9:00)

Participation fee: **Free**

zoom

Registration: <https://form.run/@5th-jsce-fct>

* 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



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Advances on Life-Cycle Bridge Engineering

Date & Time: April 13th 2023, 16:00-18:00 (JST/UTC+9:00)

16:00-16:10 Introduction of JSCE

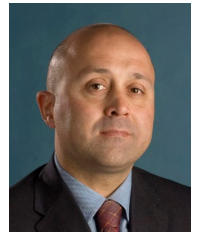
16:10-16:40 Presentation by Prof. Fabio Biondini, and Q&A

16:40-17:10 Presentation by Prof. Mitsuyoshi Akiyama, and Q&A

17:10-18:00 Panel Discussion

Prof. Fabio Biondini

2016-present Professor, Politecnico di Milano, Italy
2004-2016 Associate Professor, Politecnico di Milano, Italy
2000-2004 Research Associate, Politecnico di Milano, Italy



Fabio Biondini, Ph.D., P.E., F.SEI, F.ASCE, is Professor of Structural Engineering and Chair of the Civil Engineering Degree Programs at Politecnico di Milano. His research interests cover several topics, including life-cycle risk, reliability, robustness, redundancy, and resilience of deteriorating structures and infrastructure systems, with emphasis on bridges and bridge networks, authoring about 350 scientific publications. Professor Biondini is the Chair of ASCE-SEI Technical Council on Life-Cycle Performance, Safety, Reliability and Risk of Structural Systems, co-founding Executive Board member of IALCCE, Executive Committee member of IABMAS, and served in leadership roles several international scientific and technical committees. He is Associate Editor/Editorial Board member of several journals, including Structure and Infrastructure Engineering (Taylor & Francis), Structural Safety (Elsevier), Engineering Structures (Elsevier), and Journal of Structural Engineering (ASCE). He is recipient of honors and awards from academic institutions and professional associations, including IABMAS, IABSE, IALCCE, IFIP, SEI & ASCE. Webpage: <https://biondini.faculty.polimi.it>

Prof. Mitsuyoshi Akiyama

2011-present Professor, Waseda University, Japan
2004-2011 Associate Professor, Tohoku University, Japan
2001-2004 Lecturer, Tohoku University, Japan



Dr. Mitsuyoshi Akiyama is Professor at Waseda University. He received a doctorate in Civil Engineering from Tohoku University in 2001. His main research interests are in the life-cycle performance assessment of civil engineering systems under multiple hazards. As scientific community service activities, he has been serving as a Managing Editor of Structure and Infrastructure Engineering and an Associate Editor of ASCE Journal of Bridge Engineering. He also serves on the editorial boards of two additional journals, Structural Safety and International Journal of Earthquake and Impact Engineering. Dr. Akiyama has been involved in the activities of the ASCE Technical Council on Life-Cycle Performance, Safety, Reliability and Risk of Structural System for more than 10 years. He is Secretary of Executive Committee of IABMAS; Executive Committee Member of IALCCE; and Vice Chair of Commission 6-Sustainability and Chair of Task Group 6.1-Disaster Waste Management in IABSE. Webpage: http://www.f.waseda.jp/akiyama617/professor/index_e.html