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Honorary Lectures

Fatigue and dynamic overload of metallic components and structures

by

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The safety of engineering structures subjected to fatigue and occasional overload involves many factors. Among those for discussion will be the effects of earthquake, wind, and vibration in general. Consideration will also be given to the energy dissipation and health monitoring of engineering structures.

Biographical Sketch



Professor Aiqun Li, received his Ph.D. from Southeast University (SEU) of China in 1992 and he is currently Professor of civil engineering at SEU and Vice President of Beijing University of Civil Engineering and Architecture (BUCEA). Prof. Li is the winner of National Distinguished Teacher, National Outstanding Youth Fund, "New Century Talents Project" national candidate, and Distinguished Professor of SEU. He is the executive director of China Earthquake Disaster Prevention Branch of the Architectural Society, the executive director of Structural Control and Health Monitoring branch of China Vibration Engineering Society, and the deputy director of the National Steering Committee of Civil Engineering Professional Education Committee. Professor Li worked as Dean of the Department of Civil Engineering from May

1996 to November 1997, executive Dean of School of Civil Engineering from November 1997 to May 2000, and Dean of School of Civil Engineering, Southeast University from May 2000 to November 2009. He is the director of Key Laboratory of Concrete & Prestressed Concrete Structures of Ministry of Education from 2001 to 2014.

Prof. Li's research interests include structural seismic and wind resistance of civil engineering structures, fatigue analysis of complex structures, vibration isolation and energy dissipation of engineering structures, structural health monitoring and safety assessment. He has presided over more than 10 National level research projects including the National Outstanding Youth Fund, the National Science & Technology Pillar Program, the "863" Program, and the Key Project of National Science Foundation of China (NSFC), etc.

Prof. Li has supervised more than 30 doctoral students and 70 graduate students. He won the Second-class Award of National Science and Technology Progress twice, the First-class Award of Ministerial and Provincial-level Science and Technology Progress six times, etc. He has more than 30 national patents. He is the chief author of five academic books, and is the first author or corresponding author of more than 150 SCI/EI indexed journal papers.