

STRUCTURAL ENGINEERING: PRESERVING PAST, PROTECTING PRESENT, BUILDING FUTURE

Siam Kempinski Hotel Bangkok

Program

Day 1: Monday 22 May 2023



08:30 – 09:00	Registration, Networking, Exhibition, and Refreshments
09:00 – 09:05	Welcome Remarks Dr. Naveed Anwar <i>Vice President for Knowledge Transfer, Asian Institute of Technology, Thailand</i>
09:05 – 09:15	Opening Remarks Mr. Chaiwat Kovavisarach <i>Chairman, Executive Committee, Asian Institute of Technology (AIT)</i> <i>President and Group Chief Executive Officer, The Bangchak Corporation Public Company Limited</i>
09:15 – 09:25	Presentation of Token of Appreciation
09:25 – 10:05	Opening Keynote Dr. Ashraf Habibullah <i>President and CEO, Computers and Structures, Inc. (CSI), USA</i>
10:05 – 10:10	CSi Bangkok Launch
10:10 – 10:40	Coffee Break & Networking
10:40 – 11:20	Development of Sindhorn Village Project Mr. Apichai Siridumrongphun <i>Director, Siam Sindhorn Co., Ltd</i>
11:20 – 12:00	Proscenium Mr. Vergel Rape <i>Assistant Vice President, Rockwell Land Corporation, Philippines</i>
12:00 – 13:00	Lunch Break & Networking
13:00 – 13:40	Designing Resilient Structures in the Philippines: Past, Present, and Future Mr. Jose A. Sy <i>President & CEO, SY^2 +Associates, Philippines</i>
13:40 – 14:20	Earthquake Resistant Design of RC Buildings in Near Fault Regions Prof. C.V.R. Murty <i>P.S. Rao Institute Chair Professor, Indian Institute of Technology Madras, India</i>
14:20 – 14:30	Q&A
14:30 – 14:45	Coffee Break & Networking
14:45 – 15:15	Computer Simulation for Sustainable Building Design in Thailand Prof. Atch Sreshthaputra <i>Department of Architecture, Chulalongkorn University, Thailand</i>
15:15 – 14:45	Enhancing Urban Sustainability through the Built Environment System Prof. Vilas Nitivattananon <i>Urban Innovation and Sustainability, Asian Institute of Technology, Thailand</i>
15:45 – 15:55	Q&A
15:55 – 16:20	Award Ceremony: Student Competition on Seismic Design
16:20 – 16:30	Conclusions and Closing Remarks
18:30	CSi Celebration Party

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Day 2: Tuesday 23 May 2023



08:30 – 09:00	Registration, Networking, Exhibition, and Refreshments
09:00 – 09:05	Welcome Remarks Dr. Naveed Anwar <i>Vice President for Knowledge Transfer, Asian Institute of Technology, Thailand</i>
09:05 – 09:45	Engineering Digitalization in our Built Environment Mr. Richard Moh <i>Chairman, Moh and Associates, Inc. (member of MAA Group)</i>
09:45 – 10:25	Advancements and Trends in Design of Bridges Dr. Naveed Anwar
10:25 – 10:35	Q&A
10:35 – 10:40	Coffee Break & Networking
10:40 – 11:20	Port Access Elevated Highway Project, Sri Lanka – Overview of the Planning, Design, Construction, and Project Management Mr. K.W. Kandambi <i>Project Director, Port Access Elevated Highway Project, Sri Lanka</i>
11:20 – 12:00	The Development of Precast Construction of Bridge Projects in Thailand Dr. Songkiat Matupayont <i>Technical Director, Civil and Structural Engineers Co. Ltd., Thailand</i>
12:00 – 13:00	Lunch Break & Networking
13:00 – 13:40	The Load Testing of Steel Truss Bridge for the Fast Capacity Validation after the Bolted Joint Failure Repair Dr. Punchet Thammarak <i>Adjunct Faculty, Asian Institute of Technology, Thailand</i>
13:40 – 14:20	Special Analysis of Extradosed Bridge and Connecting Viaducts Dr. Chawalit Machimdamrong <i>Senior Structural Engineer, Epsilon Co., Ltd.</i>
14:20 – 14:30	Q&A
14:30 – 14:45	Coffee Break & Networking
14:45 – 15:25	The Future of Tall Building Design – Performance Based Wind Design Mr. Sean P. Clifton <i>Senior Principal, Magnusson Klemencic Associates, USA</i>
15:25 – 16:00	Structural Health Monitoring of Tall Buildings Mr. S. M. Ziauddin <i>Senior Manager, AIT Solutions, AIT, Thailand</i>
16:00 – 16:10	Q&A
16:10 – 17:10	Concluding Panel Structural Engineering – Preserving Past, Protecting Present, Building Future Panelists: Prof. Worsak Kanok-Nukulchai <i>Executive Director, Chulalongkorn School of Integrated Innovation, Thailand</i> Prof. Pennung Warnitchai <i>Professor, Asian Institute of Technology, Thailand</i> Sean P. Clifton <i>Senior Principal, Magnusson Klemencic Associates, USA</i> Mr. Jose A. Sy <i>President & CEO, SY^2 +Associates, Philippines</i> Moderator: Dr. Naveed Anwar
17:10 – 17:15	Conclusions and Closing Remarks