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The 8th International Conference Series
on Geotechnics, Civil Engineering and Structures
CIGOS 2026

**INNOVATION IN
PLANNING, DESIGN AND
CIVIL INFRASTRUCTURE
FOR RESILIENT AND
SUSTAINABLE
TRANSFORMATION**

**CONFERENCE
HANDBOOK**

Ho Chi Minh City, April 16-17, 2026



UNIVERSITY OF ARCHITECTURE
HO CHI MINH CITY



THE UNIVERSITY OF
SYDNEY
Vietnam
Institute

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CONFERENCE AT A GLANCE

Thursday / 16.4.2026		
07:30 - 08:30	Ongoing Registration	
08:30 - 09:15	Opening ceremony Speeches: UAH, AVSE Global, MOC	Main Hall
09:15 - 10:00	Keynote Speaker 1	Main Hall
10:00 - 10:30	Coffee break & Poster Sessions	
10:30 - 11:15	Keynote Speaker 2	Main Hall
11:15 - 12:00	Invited Lecture 1	Main Hall
12:00 - 13:30	Lunch & Poster Sessions	
13:30 - 15:00	Parallel Sessions	Rooms 1, 2, 3, 4
15:00 - 15:30	Coffee break & Poster Sessions	
15:30 - 17:15	Parallel Sessions	Rooms 1, 2, 3, 4
19:00 - 22:00	Gala dinner	
Friday / 17.4.2026		
07:30 - 08:00	Ongoing Registration	
08:00 - 08:45	Keynote Speaker 3	Main Hall
08:45 - 09:30	Keynote Speaker 4	Main Hall
09:30 - 10:00	Invited Lecture 2	Main Hall
10:00 - 10:30	Coffee break & Poster Sessions	
10:30 - 12:00	Parallel Sessions	Rooms 1, 2, 3, 4
12:00 - 13:30	Lunch & Poster Sessions	
13:30 - 15:00	Coffee break & Poster Sessions	Rooms 1, 2, 3, 4
15:00 - 15:30	Coffee break	
15:30 - 17:00	Parallel Sessions	Rooms 1, 2, 3, 4
17:00 - 17:30	Closing Remarks Announcement of prize winners	Main Hall

Within the framework of the conference, the following sessions will be organized:

- Session 1:** Architecture, Industrial Design, Planning (AIP)
- Session 2:** Artificial Intelligence, Digital Technologies (AIDT)
- Session 3:** Construction, Materials, Structures (CMS)
- Session 4:** Energy, Environment, Geotechnics (EEG)
- Session 5:** Infrastructure, Management and Investment, Transportation (IMIT)

LETTER FROM THE CHAIRS

Welcome to CIGOS 2026!

On behalf of the Association of Vietnamese Scientists and Experts (AVSE Global), the University of Architecture Ho Chi Minh City (UAH), the University of Sydney Vietnam Institute (SVI) and our esteemed partners, we extend a warm welcome to each of you to the 8th edition of the International Conference on Geotechnics, Civil Engineering, and Structures (CIGOS) in the vibrant city of Ho Chi Minh, Vietnam.

Since its inception in Paris in 2010, CIGOS has flourished, building an international reputation through its six preceding editions. Our conference has always been a melting pot of ideas, where academics, researchers, designers, and manufacturers converge to share, discuss, and promote high-quality research and innovations.

This year, under the auspices of the Ministry of Construction of Vietnam, International Society for Soil Mechanics and Geotechnical Engineering TC-309 and Vietnam Federation of Civil Engineering Associations, the eighth edition, CIGOS 2026, is proudly co-organized by the Association of Vietnamese Scientists and Experts, the University of Architecture Ho Chi Minh City, and the University of Sydney Vietnam Institute, highlighting the cutting-edge advancements in our key topics: Architecture, Industrial Design, Planning (AIP), Artificial Intelligence, Digital Technologies (AIDT), Construction, Materials, Structures (CMS), Energy, Environment, Geotechnics (EEG), Infrastructure, Management and Investment, Transportation (IMIT)

Following an intensive selection process by our international scientific committee and globally invited reviewers, over 420 abstracts submitted by 430 co-authors from 40 countries to get nearly 220 high-quality papers accepted for the proceedings. These papers, along with five keynote and invited lectures, promise to enrich our discussions over the next two days. We are proud to compile these works for publication in the Lecture Notes of Civil Engineering by Springer Publisher, a testament to the dedication and expertise of our authors, reviewers, sponsors, and organizing committees.

As we kick off CIGOS 2026, we hope this conference serves not just as a platform for sharing knowledge but also as a beacon of inspiration for the global construction community. May our discussions here propel us towards innovative solutions and best practices to enhance resilience against climate change in our fields.

We look forward to two days of insightful presentations and invigorating discussions. Let's make this edition of CIGOS an unforgettable experience, laying a solid groundwork for future gatherings.

Welcome, and let's inspire and be inspired!

Thuat Pham Trong, Rector of the University of Architecture Ho Chi Minh City, Vietnam
Cuong Ha Minh, AVSE Global & University of Paris-Saclay, France
Cao Hung Pham, University of Sydney, Australia



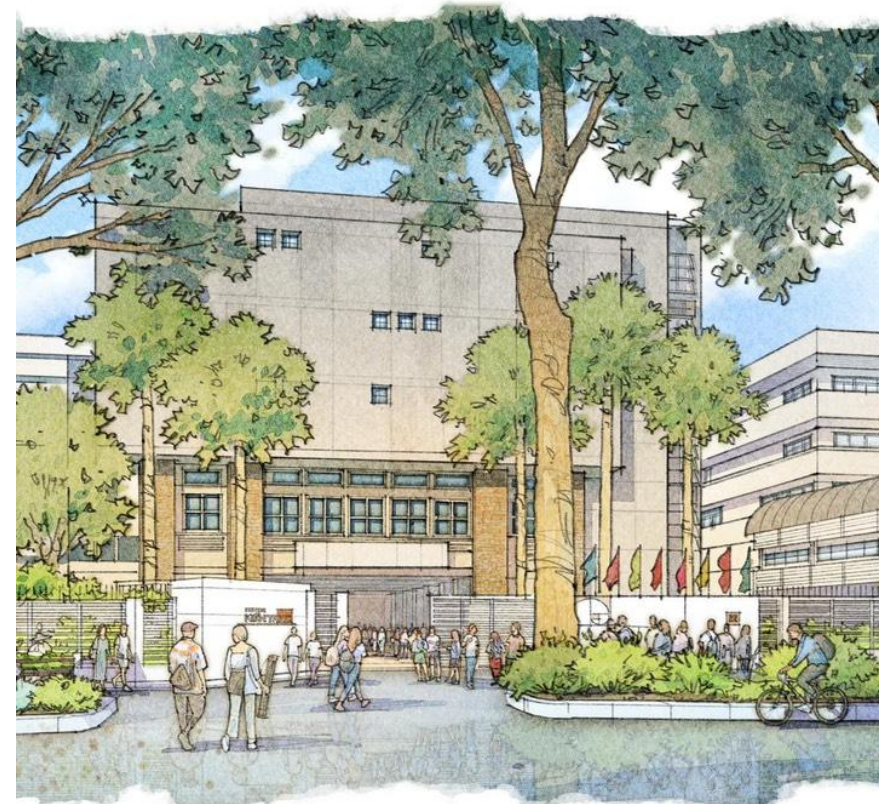
Association of Vietnamese Scientists and Experts (AVSE Global)

AVSE Global was founded in May 2011 with the main purpose of systematically connecting intellectual sources to identify ideas, strategies, and implementations in all fields of science and technology across foreign countries. Additionally, the organization aims to make significant contributions to the development of Vietnam. AVSE Global has collaborated with high-level institutional, industrial, and university partners to organize technical sessions, seminars, conferences, and training courses while producing technical reports. The association is supported by both Vietnam and French state Organizations, and the partnership is built on mutual respect and understanding of the partner's interests, constructive exchange, and high-quality work.



UNIVERSITY OF ARCHITECTURE HO CHI MINH CITY

The University of Architecture Ho Chi Minh City (UAH) is a leading institution of higher education in Vietnam, offering programs in Architecture, Civil Engineering, Construction Management, Urban & Regional Planning, Infrastructure Engineering, Landscape Architecture, Interior Architecture, Urban Fine Arts, Graphic Design, Fashion Design, and Industrial Design, Urban Design. Formally established in 1976, the university traces its roots back to 1924 with the inception of the Indochina Fine Arts College. The University of Architecture Ho Chi Minh City has been known for its focus on practical training and cutting-edge research, and its commitment to sustainable and innovative design. The university's main campus is situated in the heart of Ho Chi Minh City, the largest and most dynamic city in Vietnam, with satellite campuses located in the suburban areas of Ho Chi Minh City, as well as in Da Lat and Can Tho.



The University of Sydney Vietnam Institute (SVI) is a multidisciplinary research and engagement hub, established as a social enterprise under Vietnamese law. It serves as a platform to deepen intellectual and creative exchange between Australian and Vietnamese researchers, academics, and communities. SVI harnesses the University of Sydney's world-class research capabilities to build strong, collaborative networks with academic, industry, and community partners in Vietnam. Our work spans key areas such as medicine and health, economics, agriculture, environmental sustainability, food safety, and more. Our mission is to enhance the wellbeing of individuals and communities in Vietnam and beyond through high-impact, collaborative, and cross-disciplinary research and engagement. Rooted in over 50 years of academic collaboration between the University of Sydney and Vietnam, SVI is a key step in advancing the University's vision for sustainable, inclusive, and mutually beneficial partnerships across education and research



ORGANIZING COMMITTEE

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Cao Hung Pham, University of Sydney Vietnam Institute, University of Sydney, Australia

Cuong Ha Minh, AVSE Global & ENS Paris-Saclay, France

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Dinh Nhan Dao, Faculty of Civil Engineering

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Mai Anh Tran, Science - Technology Management and International Relations Office

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Song Hong Pham, Faculty of Civil Engineering

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Van Truong Nguyen, Gustave Eiffel University, France

KEYNOTE AND INVITED SPEAKERS



Pham Phu Cuong

Professor
University of Architecture
Ho Chi Minh City, Vietnam



Kenichi Soga

Professor
University of California, Berkeley,
United States



Stuart Khan

Professor
University of Sydney
Australia



Hoang Thuc Hao

Lecturer
Hanoi University of Civil Engineering
Vietnam



Jane Gavan

Professor
University of Sydney
Australia

INTERNATIONAL SCIENTIFIC COMMITTEE

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Dat Vu Khoa Huynh, *AVSE Global & Norwegian Geotechnical Institute*,
Norway

Thi Hong Hanh Vu, *University of Architecture Ho Chi Minh City*,
Vietnam

PROGRAM AT A GLANCE

Thursday, April 16th, 2026

07:30 08:30 Ongoing Registration

08:30 09:15 **Opening Ceremony**
Speeches: UAH, AVSE Global, SVI, MOC

09:15 10:00 **KEYNOTE 1**
The Architectural Profile of Saigon–Ho Chi Minh City Across Periods

Pham Phu Cuong

Professor, University of Architecture Ho Chi Minh City, Vietnam

Chair: **Dr. Jane Gavan**, University of Sydney, Australia | **Room 0 (Caravelle 1+2)**

10:00 10:30 Coffee Break & Poster Session

10:30 11:15 **KEYNOTE 2**
Resilient and Sustainable Water Supplies for Global Cities

Stuart Khan

Professor, University of Sydney, Australia

Chair: **Dr. Khoa D.V. Huynh**, Norwegian Geotechnical Institute, Norway | **Room 0 (Caravelle 1+2)**

11:15 12:00 **INVITED LECTURE 1**
From Smart Systems to Situated Intelligence: Cultural, Material, and Ethical Knowledge for Vietnam's Digital Futures

Jane Gavan

Associate Professor, University of Sydney, Australia

Chair: **Prof. Dr. GILBER Benoit**, Griffith University, Australia | **Room 0 (Caravelle 1+2)**

12:00 13:30 Lunch & Poster Session

13:30 15:00	Construction, Materials, Structures (CMS 1) - ROOM 1	Construction, Materials, Structures (CMS 2) - ROOM 2	Architecture, Industrial Design, Planning (AIP 1) - ROOM 3	Environment, Energy, Geotechnics (EEG 1) - ROOM 4
	THAI Huu Tai University of Melbourne, Australia	VU Xuan Hong University of Lyon 1, France	DANG Thanh Hung University of Architecture Ho Chi Minh City, Vietnam	HOCHSCHILD Volker University of Tübingen, Germany

15:00 15:30 Coffee Break & Poster Session

15:30 17:00	Construction, Materials, Structures (CMS 3) - ROOM 1	Construction, Materials, Structures (CMS 4) - ROOM 2	Architecture, Industrial Design, Planning (AIP 2) - ROOM 3	Architecture, Industrial Design, Planning (AIP 3) - ROOM 4
	LANOS Christophe Université de Rennes, France	BOLZON Gabriella Politecnico di Milano, Italy	LE Thi Ho Vi University of Architecture Ho Chi Minh City, Vietnam	TRAN Minh Duc University of Architecture Ho Chi Minh City, Vietnam

19:00-22:00 Gala Dinner

Friday, April 17th, 2026

07:30 08:00 Ongoing Registration

08:00 08:45 **KEYNOTE 3**
Architecture and the well-being of all beings

Hoang Thuc Hao

Lecturer, Hanoi University of Civil Engineering, Vietnam

(Chair: **Dr. Pham Cao Hung**) | **Room 0 (Caravelle 1+2)**

08:45 09:30 **KEYNOTE 4**
The role of emerging technologies to realize smart infrastructure

Kenichi Soga

Professor, University of California, Berkeley, United States

(Chair: **Prof. Nguyen Giang**) | **Room 0 (Caravelle 1+2)**

09:30 10:00 Coffee Break & Poster Session

10:00 12:15	Construction, Materials, Structures (CMS 5) - ROOM 1	Infrastructure, Management, Investment, Transportation (IMIT 1) - ROOM 2	Architecture, Industrial Design, Planning (AIP 4) - ROOM 3	Artificial Intelligent, Digital Technologies (AIDT 1) - ROOM 4
	GAUDIO Domenico Sapienza University of Rome, Italy	ABREU Tiago Universidade de Aveiro, Portugal	TRAN Mai Anh University of Architecture Ho Chi Minh City, Vietnam	VASCONCELOS Luís Polytechnic Institute of Viseu, Portugal

12:15 13:30 Lunch & Poster Session

13:30 15:00	Construction, Materials, Structures (CMS 6) - ROOM 1	Construction, Materials, Structures (CMS 7) - ROOM 2	Architecture, Industrial Design, Planning (AIP 5) - ROOM 3	Environment, Energy, Geotechnics (EEG 2) - ROOM 4
	VINCEVICA-GAILE Zane, University of Latvia, Latvia	FERRIER Emmanuel University of Lyon 1, France	TRUONG Nguyen Hoang Long University of Architecture Ho Chi Minh City, Vietnam	COPTY Nadim Kamel Bogazici University, Turkey

14:45 15:30 Coffee Break & Poster Session

15:30 17:00	Construction, Materials, Structures (CMS 8) - ROOM 1	Construction, Materials, Structures (CMS 9) - ROOM 2	Architecture, Industrial Design, Planning (AIP 6) - ROOM 3	Environment, Energy, Geotechnics (EEG 3) - ROOM 4
	BECKER Wilfried Technical University of Darmstadt, Germany	TRAN Van Phuc University of Architecture Ho Chi Minh City, Vietnam	VU Thi Hong Hanh University of Architecture Ho Chi Minh City, Vietnam	ESTOKOVA Adriana Technical University of Košice, Slovakia

17:00-17:30 Closing Remarks - Announcement of prize winners

DETAILED PROGRAM - THURSDAY, APRIL 16th, 2026

Start	End	Title	Chair + Speaker
07:30	08:30	Ongoing Registration	
08:30	09:15	Opening Ceremony Speeches: UAH, AVSE Global, SVI, MOC	
09:15	10:00	KEYNOTE 1 The Architectural Profile of Saigon–Ho Chi Minh City Across Periods	Pham Phu Cuong Professor, University of Architecture Ho Chi Minh City, Vietnam Chair: Dr. Jane Gavan Room 0 (Caravelle 1+2)
10:00	10:30	Coffee Break & Poster Session	
10:30	11:15	KEYNOTE 2 Resilient and Sustainable Water Supplies for Global Cities	Stuart Khan Professor, University of Sydney, Australia Chair: Dr. Khoa D.V. Huynh Room 0 (Caravelle 1+2)
11:15	12:00	INVITED LECTURE 1 From Smart Systems to Situated Intelligence: Cultural, Material, and Ethical Knowledge for Vietnam's Digital Futures	Jane Gavan Associate Professor, University of Sydney, Australia Chair: Chair: Prof. Dr. GILBER Benoit Room 0 (Caravelle 1+2)
12:00	13:30	Lunch & Poster Session	
13:30	15:00	Construction, Materials, Structures (CMS 1) - ROOM 1	Thai Huu Tai University of Melbourne, Australia
13:30	13:45	Comparison of Wind Tunnel and Numerical Responses of a Cable Stayed Bridge	Roberto Gómez-Martínez UNAM
13:45	14:00	Damage detection in a cable-stayed bridge model using 1DCNN with channel attention and augmented FBG data	Huu Quyet Nguyen Expérimentation et modélisation pour le génie civil et urbain
14:00	14:15	Differential pressure on large building roofs during a tornado	Linh-Ngoc Nguyen Ngoc Linh Tile Co.Ltd
14:15	14:30	Improving Bi-objective Truss Optimization by Feasible Boundary Search and Metaheuristics	Anh-Vu Nguyen, Hoang Anh Pham Hanoi University of Civil Engineering
14:30	14:45	Multi-objective optimization of gravity retaining walls using simple differential evolution	Vu Truong Vu Nguyen Tat Thanh University
14:45	15:00	Inverse Parameter Identification for Beam-End Bolted Connections Using Machine Learning-Aided Optimization Framework	Van Thu Huynh School of Civil Engineering the University of Sydney
13:30	15:00	Construction, Materials, Structures (CMS 2) - ROOM 2	Vu Xuan Hong University of Lyon 1, France
13:30	13:45	Corrosion rate when silane surface impregnation material is applied to neutralize RC	陸功清水, Shimizuriku
13:45	14:00	Effect of ground granulated blast furnace slag on Cl-suppression effect by silicate-based surface impregnation	Kondo Takuya, Takuya Kondo
14:00	14:15	Field Application of CTS-02 Equipment for Testing and Evaluating Structural Concrete Strength	Hai Dang Le Nguyen Tat Thanh University
14:15	14:30	How to understand the reactivity of metakaolin	Christophe Lanos LGCGM
14:30	14:45	Thermal insulation solution from plant fibers: experimental data and modelling	Christophe Lanos LGCGM
14:45	15:00	Experimental Study on the Use of Soil-Cement for Producing Unfired Bricks in Vietnam	Cuong Nguyen Hung, Hanoi University of Civil Engineering Minh Nguyen Dang Nhat, Hohai University

Start	End	Title	Chair + Speaker
13:30	15:00	Architecture, Industrial Design, Planning (AIP 1) - ROOM 3	Dang Thanh Hung University of Architecture Ho Chi Minh City, Vietnam
13:30	13:45	A Bibliometric Review of Aquaponics in Sustainable Architecture: Implications for Cooling and Economic Resilience in Mosque	Sayyidati Khalishah Azzahra UCSI University
13:45	14:00	An Architectural Framework for Sustainable Elevated Urban Railway Stations in Ho Chi Minh City	Phan Nu Quynh Nhi University of Architecture Ho Chi Minh City
14:00	14:15	Lighting as medium for Storytelling in Interior Architecture Space: Exhibition-Based Study of Interior Design Students at UAH	Vinh Nguyen Huu, An Nguyen Thi Tam Faculty of Interior Architecture, University of Architecture, HCMC
14:15	14:30	Digitizing Architectural Survey Data of the Hue Citadel for Preservation and Promotion of Cultural Heritage Values	Ngoc Duc Vo, Vu Thao Linh Nguyen University of Sciences, Hue University
14:30	14:45	From Indigenous Wisdom to Urban Resilience: Case Studies of Flood-Adaptive Housing in Can Tho	Thi Minh Hien Tran Faculty of Architecture, Van Lang University Van Khoa Tran Faculty of Civil Engineering, Ho Chi Minh City University of Technology and Engineering
14:45	15:00	Hybrid Structural Solutions for Vernacular-Inspired Designs in Community Cultural Halls: A Case Study in Lam Dong, Vietnam	Nhu-Phuc Nguyen, Tuan-Kiet N Phan, Gia-Bao Tran, Van-Bang To Faculty of Architecture, Van Lang University
13:30	15:00	Environment, Energy, Geotechnics (EEG 1) - ROOM 4	Hochschild Volker University of Tübingen, Germany
13:30	13:45	Enhancing Landslide Susceptibility Mapping Accuracy Using a Hybrid Naïve Bayes–Neural Network Model: A Case Study in the Mountainous Region of Quang Nam, Vietnam	Ba-Quang-Vinh Nguyen Ho Chi Minh City International University [Vietnam National University, HCM]
13:45	14:00	Flood Hazard Mapping Using Geomatics, Downscaling, and Extreme Value Analysis Integrated with Hydrologic and Hydraulic Modeling: A Case Study in the Ha Thanh River Basin, Vietnam	Van Phan Tho, Faculty of Natural Sciences, Quy Nhon University, Vietnam, Hydraulics and Geotechnics Section, Department of Civil Engineering, KU Leuven, Belgium
14:00	14:15	Comparison of Measured and Simulated Lateral Displacement of Retaining Walls in Deep Excavation with Combined Diaphragm and Steel Sheet Pile Walls	Tan Vo Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT)
14:15	14:30	A Comparative Study on the Shear Behaviour of Iron and Steel Slag as Sustainable Alternatives for Conventional Railway Sub-Ballast Layers	M D Godson PhD Scholar, Department of Civil and Infrastructure Engineering, Indian Institute of Technology Dharwad
14:30	14:45	Comparative analysis of bending moments in diaphragm wall with helical anchors: Experimental findings from scaled model tests	Ragini Vishwakarma, Satyendra Mittal, Vishwas A. Sawant
14:45	15:00	A novel method for creating loose granular samples in DEM	Hung Truong Q., Faculty of Civil Engineering, Van Lang School of Technology, VanLang University
15:00	15:30	Coffee Break & Poster Session	

DETAILED PROGRAM - THURSDAY, APRIL 16th, 2026

Start	End	Title	Chair + Speaker
15:30	17:00	Construction, Materials, Structures (CMS 3) - ROOM 1	Lanos Christophe Université de Rennes, France
15:30	15:45	Analysis of Fracture of 3D-Printed Cementitious Materials Using a Combination of Digital Image Correlation and Acoustic Emission	Giang Nguyen The University of Adelaide
15:45	16:00	Temperature And Moisture Distribution Measurements Inside Model Biobased Material During Hygrothermal Transfers	Van Truong Nguyen Laboratoire Navier
16:00	16:15	An Improved Localized Damage Model with Adaptive Mesh Refinement for Multiple Cracks	Manh Van Pham University of Architecture Ho Chi Minh City, Duy Tan Research Institute for Computational Engineering (DTRICE), Duy Tan University
16:15	16:30	Recent Research on the Strain Rate Effect on Single Timber Fasteners	Benoit Gilbert Griffith University
16:30	16:45	Feasibility Study of Seawater and Sea-Sand in Self-Leveling Mortars for Sustainable Indoor Surface Leveling	Tri Ho Minh Le Nguyen Tat Thanh University [Vietnam]
16:45	17:00	Sulfate Durability and Performance When exposed to marine environment of Sea Sand Geopolymer Mortar	Thuy Chi Dang, Huy Nghia Nguyen University of Transport and Communications
17:00	17:15	Investigation of the effect of Construction Demolition waste content on the mechanical and physical properties of Recycled coarse Aggregate Concrete	Tuyen Ngoc Tran, Ha Tinh University
17:15	17:30	Influence of Sample Height on the Liquefaction Resistance of Sand-Kaolinite Mixtures	Dong-Kiem-Lam Tran University of Architecture Ho Chi Minh City

15:30	17:15	Construction, Materials, Structures (CMS 4) - ROOM 2	Bolzon Gabriella Politecnico di Milano, Italy
15:30	15:45	Generative Adversarial Networks for Structural Response Prediction of 2D Trusses	George Papazafeiropoulos, National Technical University of Athens Quang-Viet Vu VNU Vietnam Japan University, Hanoi
15:45	16:00	Artificial neural network models for predicting the expected peak displacement of seismic isolation systems using single friction pendulum bearings	Nhan Dao University of Architecture Ho Chi Minh City
16:00	16:15	Efficient Time-Cost Management Using The Portia Spider Algorithm	Minh Nhut Tran Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT)
16:15	16:30	Performance of modular buildings	Huu Tai Thai The University of Melbourne
16:30	16:45	A novel method for design of reinforced concrete shear walls in tall buildings using deep learning	Hoang-Giap Tran Ho Chi Minh City University of Technology [Vietnam National University, HCM]
16:45	17:00	A Machine Learning-Based Optimization of CFRP Design for Flexural Strengthening of RC Beams using Genetic Algorithm	Hoang Nam Phan University of Science and Technology [Danang]
17:00	17:15	Prediction of Load-Displacement Curves for Cold-Formed Steel Axial Compression Members Using Machine Learning	Jie Dong Beijing University of Civil Engineering and Architecture
17:15	17:30	A BIM-Based System for Extracting Formwork Quantity in High-Rise Building Projects	Hang Thu Thi Le University of Architecture Ho Chi Minh City

Start	End	Title	Chair + Speaker
15:30	17:00	Architecture, Industrial Design, Planning (AIP 2) - ROOM 3	le Thi Ho Vi University of Architecture Ho Chi Minh City, Vietnam
15:30	15:45	Architectural Strategies for Natural Lighting in Vietnamese Catholic Churches, Case Study in Lam Dong Province	Long Truong Nguyen Hoang University of Architecture Ho Chi Minh City
15:45	16:00	An Assessment of High-Rise Hotel Architecture in Nha Trang, Khanh Hoa from Green Building Perspective	Truc Nguyen Thi Thanh University of Architecture Ho Chi Minh City
16:00	16:15	A Modular Floating Village for Sustainable Living in the Mekong Delta, Vietnam: A Design-Based Research Approach	Nguyen Thanh Tan
16:15	16:30	Study the performance of natural ventilation in free-running houses in Ho Chi Minh City, Vietnam	Hung Thanh Dang University of Architecture Ho Chi Minh City
16:30	16:45	Application of Four Sacred Beasts motif and decorative component words on modernist architecture in Saigon (The case of Independence Palace)	Vinh Le Long Van Lang University
16:45	17:00	Analyzing the Morphological Language of Óc Eo Architecture in the Relationship Between Numerology, Proportions, and Geometric Forms – A Case Study Based on Photogrammetry Survey Data	Hieu Tran Trung Ho Chi Minh City University of Technology (HUTECH)

15:30	17:00	Architecture, Industrial Design, Planning (AIP 3) - ROOM 4	Tran Minh Duc University of Architecture Ho Chi Minh City, Vietnam
15:30	15:45	Physical Characteristics of Urban Streets in Relation to Street and Neighborhood Satisfaction in Vietnam	Chanh Toan Pham Ho Chi Minh City University of Technology [Vietnam National University, HCM]
15:45	16:00	The Attractiveness of Pedestrian Streets in Hanoi's Historic Center - A Perspective from Historical, Cultural, and Landscape Dimensions	Lien Pham Thi Ngoc, Tan Hung Khuat Hanoi Architectural University
16:00	16:15	Designing For Children: Analyzing Seven Spatial Layers in Preschool Classroom Interiors	An Nguyen University of Architecture Ho Chi Minh City
16:15	16:30	Understanding the needs and ideas of children in developing public parks in Ho Chi Minh City	Le Nguyen Viet Lam University of Architecture Ho Chi Minh City
16:30	16:45	Application of advanced technology for building envelope architecture in Vietnam	Van Tin Nguyen University of Architecture Ho Chi Minh City, Vietnam
16:45	17:00	Vehicle Routing Optimization Scheme with Time Window Constraints for Construction Material Delivery	Minh Nhut Tran Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT)
16:45	17:00	Tiny house: an infill development opportunity in Ho Chi Minh City, Viet Nam	Quang Hai Ta University of Architecture Ho Chi Minh City

19:00 22:00 Gala Dinner

DETAILED PROGRAM - FRIDAY, APRIL 17th, 2026

Start	End	Title	Chair + Speaker
07:30	08:00	Ongoing Registration	
08:00	08:45	KEYNOTE 3 Architecture and the well-being of all beings	Hoang Thuc Hao Lecturer, Hanoi University of Civil Engineering, Vietnam Chair: Dr. Pham Cao Hung Room 0 (Caravelle 1+2)
08:45	09:30	KEYNOTE 4 The role of emerging technologies to realize smart infrastructure	Kenichi Soga Professor, University of California, Berkeley, United States Chair: Prof. Giang Nguyen Room 0 (Caravelle 1+2)
09:30	10:00	Coffee Break & Poster Session	

Start	End	Title	Chair + Speaker
10:00	12:15	Construction, Materials, Structures (CMS 5) - ROOM 1	Prof. Dr. AUDIO Domenico Sapienza University of Rome, Italy
10:00	10:15	A Study on the Application Prospects of Rigid-Frame Bridge Structures for Small-Span Bridges in Vietnam	Minh Tuan HA Vietnam-Japan Institute of Technology HUTECH University
10:15	10:30	Optimizing Seismic Analysis of Complex Structures Using Substructuring and Component Mode Synthesis: Application to Nuclear Facilities	Van Ngan NGUYEN Van Nhat LE Egis Group, United Kingdom
10:30	10:45	Operational modal analysis for railway steel arch bridges in Poland	Duc C. Nguyen Mien Trung University of Civil Engineering
10:45	11:00	Vertical forced vibration of a monoblock railway support under a dynamic load	Le-Hung Tran MAST/EMGCU, Université Gustave Eiffel
11:00	11:15	Analysis of change in vibration responses for tall buildings under earthquake	Hong-Huan Chiem, Ho Chi Minh City University of Technology [VNU-HCM]
11:15	11:30	Nonlinear static and dynamic analysis of reinforced concrete slabs subjected to different load levels	Chi-Khai Nguyen, Ho Chi Minh City University of Technology [VNU-HCM]
11:30	11:45	Shear Interaction Efficiency between Tendons and FRP sheets for Shear Strengthening on Unbonded Post-tensioned Concrete T- Beams	Ngoc Dien Vo-Le Cantho University
11:45	12:00	Direct Tension and Flexural Tests on Prefabricated HSC Panels Embedded with CFRP Strips for Strengthening Applications	Tran Duc Dang, Hanoi University of Civil Engineering
12:00	12:15	Investigation on the Flexural Strengthening Efficiency of RC Stepped Beams with Insufficient Anchorage Length Using Carbon Fiber-Reinforced Polymer (CFRP)	Xuan Tam Nguyen Thang Long Architectural Construction Company Limited

Start	End	Title	Chair + Speaker
10:00	12:00	Infrastructure, Management, Investment, Transportation (IMIT 1) - ROOM 2	Prof. Dr. ABREU Tiago Universidade de Aveiro, Portugal
10:00	10:15	Influence of built environment factors on mode shift from motorcycle to urban rail among TOD residents: Evidence from Hanoi, Vietnam	Duc Manh Pham, VNU University of Engineering and Technology
10:15	10:30	Understanding User Satisfaction with Flexible Intercity Mobility: Insights from Vietnam's Minibus Services	Vu Van-Huy, VNU University of Engineering and Technology
10:30	10:45	Deep Learning for Real-Time Traffic Signal Control: Detecting Priority Vehicle	Nguyen Huy Minh Quang, Cuong Phan Huu, Nguyen Tat Thanh University Long Ho Viet Uni. of Transport & Communications HCMC Nen NguyenDinh University of Architecture Ho Chi Minh City
10:45	11:00	Field investigation of fundamental natural frequencies of steel bridge structures using accelerometer data	Hai Dang Le Nguyen Tat Thanh University
11:00	11:15	Identifying Critical Risk Factors in High-Rise Construction Projects Using a Relative Importance Index	Tran Thanh Ha School of Civil Engineering and Management, International University Ho Chi Minh City
11:15	11:30	Risk management of material supply for construction contractors in expressway projects in Vietnam.	Nguyen Minh Duc Ho Chi Minh City University of Transport
11:30	11:45	AI-Powered Pavement Assessment and Decision Support for Smart Expressway Management	Van Tien Khoi Nguyen Ho Chi Minh City University of Technology, Vietnam National University, HCM
11:45	12:00	Proposed Design Basis for Embankment Slopes on the Cam Lo-La Son Expressway Downstream of the Khe Ngang Reservoir	Quang Huy MAI University of Transport and Communications
12:00	12:15	Real-Time Vehicle Counting Using YOLOv10 and ByteTrack: A Case Study in Ho Chi Minh City	Cuong Phan Huu, Nguyen Huy Minh Quang, Nguyen Tat Thanh University Nen NguyenDinh University of Architecture Ho Chi Minh City Ho Viet Long University of Transport and Communications, Ho Chi Minh City

DETAILED PROGRAM - FRIDAY, APRIL 17th, 2026

Start	End	Title	Chair + Speaker
10:00	12:00	Architecture, Industrial Design, Planning (AIP 4) – ROOM 3	Tran Mai Anh University of Architecture Ho Chi Minh City
10:00	10:15	Development, Implementation, and Sustainability of the FRAME Federation for Enhanced Flood Risk Management in Vietnam with effortless large scaling potential	Michael Schultz Tübingen University
10:15	10:30	Heat Stress on the Balcony: Investigating the Effects of Facade Heat and External AC Units	Bach Huynh, Vi Le University of Architecture Ho Chi Minh City
10:30	10:45	Applying GIS to Enhance the Effectiveness of Planning for Industrial Zones and Industrial Clusters in Hanoi Viet Nam	Minh Phuong Le Thi Ha Noi Architectural University
10:45	11:00	Redesigning Spaces beneath Metro Infrastructure in Ho Chi Minh City: A Model for Organizing Multifunctional Public Spaces toward Sustainable Urban Development	Khoa Ha Van Anh University of Transport and Communications Hai Trung Thanh University of Architecture in Ho Chi Minh City
11:00	11:15	Semi-public Spaces as Soft Infrastructure for Sustainable Compact TOD in Ho Chi Minh City	Quang Nguyen Thanh University of Architecture Ho Chi Minh City
11:15	11:30	Urban Acupuncture for Resilient Saigon Riverfronts: Planning Blue-Green Multifunctional Infrastructure to Foster the Service Economy in Ho Chi Minh City	Thuc Trang Dang, Nguyen Hoang Nguyen Phan Scene Plus Architects
11:30	11:45	Better Planning of the Bus Network to Support Transit-Oriented Development in Ho Chi Minh City	Chinh Ho The University of Sydney Business School
11:45	12:00	Application Flood-Sensitive Urban Design Based on the Hydrological System: A Case Study in Huong River Basin, Hue urban, Vietnam.	Quoc Thang Nguyen Hue University of Sciences, Hue University, PhD Scholarship Programme of Vingroup Innovation Foundation (VINIF), code VINIF.2024.TS100

Start	End	Title	Chair + Speaker
10:00	12:00	Artificial Intelligent, Digital Technologies (AIDT 1) - ROOM 4	Vasconcelos Luis Polytechnic Institute of Viseu, Porgugal
10:15	10:30	Post-Earthquake Structural Damage Recognition Using Transfer Learning	Luong V Le HCMC Open University
10:30	10:45	Transformer-Based Recognition of Post-Earthquake Building Collapse Modes	Trung Hieu Tran SCQC
10:45	11:00	Comparative Evaluation of Neural Networks for Predicting Concrete Compressive Strength	Nhi Nguyen Ho Chi Minh City Open University
11:00	11:15	Prediction of Liquefaction-Induced Ground Settlement Using Radial Basis Function Network: A Comparative Study with MLP and KAN	Phuoc Bui Ho Chi Minh City Open University
11:15	11:30	Digital Technologies for the Safety Assessment of Aging Infrastructures	Gabriella Bolzon Politecnico di Milano
11:30	11:45	The availability of Industry 4.0 technologies for improving the product life cycle towards sustainability	Thi Thu Trang Ngo University of Architecture Ho Chi Minh City
11:45	12:00	Barriers to IoT Adoption in the Construction Industry: A Case Study in Vietnam	Tan Trung Nguyen Ho Chi Minh City University of Technology (HCMUT), VNU-HCMC
12:00	12:15	Digital Transformation in Infrastructure Project Management: An AI-Powered Platform for the Ministry of Construction	Anh Binh Tran, Tuan Anh Nguyen, Quoc Hoang Do, Hanoi University of Civil Engineering Chi Hieu Nguyen, Construction Economics, Management, and Investment Authority, Ministry of Construction



DETAILED PROGRAM - FRIDAY, APRIL 17th, 2026

Start	End	Title	Chair + Speaker
13:30	15:00	Construction, Materials, Structures (CMS 6) - ROOM 1	Vincevica-gaile Zane University of Latvia, Latvia
13:30	13:45	Applying Sustainable Materials in Interior Design: Practices and Challenges in Vietnam	Ha Ngo Nguyen Tat Thanh University, Ho Chi Minh City, Vietnam
13:45	14:00	Exploring Students' Perceptions of Sustainable Construction Driving the Improvement of Construction Education in Vietnam	Binh Nguyen Ho Chi Minh City University of Technology (HCMUT, VNU-HCMC)
14:00	14:15	An Integrated Framework for Controlling Construction and Demolition (C&D) Waste Costs in Vietnam: A Lifecycle Approach	An Bac Hoang University of Architecture Ho Chi Minh City - Huyen Tran Thi Thanh Thuy Loi University Southern Campus
14:15	14:30	A decision-making model for selecting appropriate solutions to enhance cost control	Truong Giang Dinh, Ho Chi Minh City University of Technology (HCMUT, VNU-HCMC)
14:30	14:45	Integrating the Probability-Impact Matrix into Construction Risk Management: Evaluating Google AI for Risk Response Proposals	Nguyen Minh Thuy Trang, Ho Chi Minh City University of Technology [Vietnam National University, HCM]
14:45	15:00	Impacts of Occupant Behaviour on Household Energy Consumption in High-Rise Apartment Buildings In Vietnam	An Anh Nguyen, Ho Chi Minh University of Technology and Education Ha Noi University of Civil and Engineering

Start	End	Title	Chair + Speaker
13:30	15:00	Construction, Materials, Structures (CMS 7) - ROOM 2	Ferrier Emmanuel University of Lyon 1, France
13:30	13:45	Mechanical performance of short metallic fibers Reinforced concrete after high temperature exposure	Emmanuel Ferrier Laboratoire des matériaux composites pour la construction
13:45	14:00	Performance of Carbonation-Cured Concrete Incorporating Calcium and Magnesium Oxides	Quoc Nhat Pham Ho Chi Minh City University of Technology [Vietnam National University, HCM],
14:00	14:15	Enhancing Sustainability of Elevated Roadways in Vietnam Using Recycled Tire Rubber and Agricultural Byproducts in Stone Matrix Asphalt	Dinh Vinh Man Nguyen Faculty of Engineering, Vietnamese-German University (VGU), Vietnam
14:15	14:30	Mechanical Behavior of Cement-Sand-Rubber Mixtures with Recycled Tire Rubber: A Review and Experimental Study	Tan-Loi Luu University of Architecture Ho Chi Minh City
14:30	14:45	Effect of Glass Textile Treatment on Thermomechanical and Residual Behavior of Textile Reinforced Concretes	Xuan Hong Vu Université Claude Bernard Lyon 1, Laboratory LMC2, Villeurbanne
14:45	15:00	Synthesis of belite cement from recycled crushed concrete fines and recycled glass cullet	Martin Cyr LMDC

Start	End	Title	Chair + Speaker
13:30	15:00	Architecture, Industrial Design, Planning (AIP 5) – ROOM 3	Truong Nguyen Hoang Long University of Architecture Ho Chi Minh City
13:30	13:45	Enhanced Modular Housing Drawing from Khmer Vernacular Architecture: A Simulation-Based Approach for Climate-Responsive Social Housing in Southern Vietnam	Hoang Minh Nguyen, Thanh Long Phan, Minh Anh.T. Nguyen, Thao Duy.T. Nguyen, Duc Cuong Le, Faculty of Architecture, Van Lang University
13:45	14:00	Architectural Decoration of Chinese Assembly Halls in Ho Chi Minh City and the Cultural Hybridity with Local Influences	Ma Hoa Thien Van Lang University
14:00	14:15	Colonial Industrial Architecture Heritage In Saigon- Ho Chi Minh City	Nguyen Vu Mai Han University of Architecture Ho Chi Minh City
14:15	14:30	Transforming Tradition: Adaptive Design of Transitional Spaces in High-Rise Apartments in Ho Chi Minh City	Kiet Nguyen Anh Tran Binh Duong University Hanh Thi Hong Vu University of Architecture Ho Chi Minh City
14:30	14:45	Architectural Adaptation of Coastal Rural Housing to Climate Conditions in the Mekong River Delta: A Case Study of Thoi Thuan Commune, Vinh Long Province	Trang Tran Thi Thuy Ho Chi Minh City University of Architecture
14:45	15:00	Age-Friendly Design in Vietnam: Balancing Sustainable Development Goals with the Needs of the Elderly	Hong Loan Nguyen University of Architecture Ho Chi Minh City

Start	End	Title	Chair + Speaker
13:30	15:00	Environment, Energy, Geotechnics (EEG 1) - ROOM 4	Hochschild Volker University of Tübingen, Germany
13:30	13:45	Failure Process Analysis of Layered Clayey Slopes using the Material Point Method	Toan Minh Le Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT)
13:45	14:00	Effect of Liquidity Index on shear-induced anisotropy in clay slurries using Small Angle X-ray Scattering	Viet Khuyen Bui The University of Sydney, University of California [Berkeley]
14:00	14:15	Physical properties of cementless materials using classified wood biomass combustion ash and waste shells	Koto Yamasaki National Institute of Technology, Kochi College
14:15	14:30	Assessing Driving Forces for the Adoption of Green Supply Chain Management Practices in the Construction Industry	Bao Quyen Nguyen Hua Ho Chi Minh City University of Technology (HCMUT), VNU-HCMC
14:30	14:45	Morphodynamic Changes in a Portuguese Inlet System: Coastal Engineering Effects and Sediment Transport Dynamics	Abreu Tiago Polytechnic Institute of Porto, Centre for Environmental and Marine Studies [Aveiro]
14:45	15:00	Physicochemical Properties Of Biopolymer-Modified Bentonite For Use In Barrier Systems	Muhsina Shirin Barbhuiya Guwahati - K Ravi, Indian Institute of Technology Guwahati

DETAILED PROGRAM - FRIDAY, APRIL 17th, 2026

Start	End	Title	Chair + Speaker
15:30	17:00	Construction, Materials, Structures (CMS 8) - ROOM 1	Becker Wilfried Technical University of Darmstadt, Germany
15:30	15:45	Geometric Nonlinear Analysis of Glued Laminated Timber Columns with Different Initial Imperfection Profiles	Nguyen Le Thuy Ha Noi Architectural University
15:45	16:00	Analytical Study on Interface Models between Precast Permanent Formwork and Cast-in-Place Concrete for the Flexural Behavior of Reinforced Concrete Beams	Cong Chanh Doan Tra Vinh University [Vinh Long]
16:00	16:15	Effects of Different Layer Thickness of 3D-printed permanent formwork on the Serviceability Behavior of Reinforced Concrete Beams	Bunleang MAK Chung-Ang University
16:15	16:30	Comparative Analysis of Seismic and Static Performance in Reinforced Concrete and Bamboo-Concrete Hybrid Structures for Multi-Storey Buildings in HCMC, Vietnam	Le Trung-Phong Thuyloi University, Ha Noi Nguyen Phi Long Vietnam Aviation Academy, Ho Chi Minh City
16:30	16:45	Influence of Infill Walls On The Progressive Collapse Behavior of Reinforced Concrete Frames Under Sudden Column Loss Scenarios	Phu-Anh-Huy Pham Faculty of Civil Engineering, Duy Tan University
16:45	17:00	Modifying the Artificial Bee Colony Algorithm to Solve Construction Site Facility Layout Based on Closeness Index	Le Anh Tran Ho Chi Minh City University of Technology [Vietnam National University, HCM]

15:30	17:00	Construction, Materials, Structures (CMS 9) - ROOM 2	Tran Van Phuc University of Architecture Ho Chi Minh City
15:30	15:45	Effect of Circular Web Openings on the Shear Strength of Cold-Rolled Aluminium Channel Sections	Xuyang Chen The University of Sydney
15:45	16:00	Numerical Investigation of the Slope Stability of Road Embankment Derived from Mixed Recycled Concrete Aggregates and Granular Soil	Ryan Ramirez University of Santo Tomas [Manila, Philippines]
16:00	16:15	Numerical Study on The Strengthening Effectiveness of Uniaxially-Loaded Reinforced Concrete Columns With CFRP	Phuoc Lanh Le Hanoi University of Civil Engineering
16:15	16:30	Experimental and numerical study of hybrid steel-timber beams in bending	Bruno Jurkiewicz Laboratoire des Matériaux Composites pour la Construction
16:30	16:45	Numerical Simulation and Parametric Evaluation of Steel Beam-Column Connections With Reduced Beam Sections Using Openses	Phu-Anh-Huy Pham Institute of Research and Development, Faculty of Civil engineering, Duy Tan University, Da Nang
16:45	17:00	Elastic Shear Buckling of Beams with Assorted Shaped Corrugated Webs	Jingyi Zhang, John Papangelis The University of Sydney

Start	End	Title	Chair + Speaker
15:30	17:00	Architecture, Industrial Design, Planning (AIP 6) - ROOM 3	Vu Thi Hong Hanh University of Architecture Ho Chi Minh City
15:30	15:45	Linking Gentrification and Sense of Community for Sustainable Transformation: A Case Study from Vietnam	Binh Minh Nguyen University of Social Sciences and Humanities (HCMUSSH), VNU-HCMC Chanh Toan Pham Ho Chi Minh City University of Technology (HCMUT), VNU-HCMC
15:45	16:00	Integrating Blue Economy and Logistics into Coastal Urban Planning: A Strategic Framework for Sustainable Development in Binh Khanh, Can Gio, Vietnam	Minh Dinh Binh Phuong University of Architecture of Ho Chi Minh City
16:00	16:15	Wildfire Impacts and Watershed Sustainability: An Interdisciplinary Approach to Climate Resilience in the Urban-Rural Interface of the Global South	Virginia Vasquez Research Center on Natural and Anthropogenic Hazards, Universidad Austral de Chile
16:15	16:30	Reimagining Coastal Urbanism Adaptive Planning Strategies in Vietnam's Mekong Delta	Qui Vu University of Architecture Ho Chi Minh City
16:30	16:45	Adaptive development of port-ecological urban systems in coastal cities: the case of Thi Nai Lagoon, Quy Nhon.	Ha Huy Thach, Le Nguyen Viet Lam Ho Chi Minh City University of Architecture
16:45	17:00	Mapping Balcony Morphology in Ho Chi Minh City: Identity, Use, and Thermal Performance	Bach Huynh - Hanh Vu University of Architecture Ho Chi Minh City

15:30	17:00	Environment, Energy, Geotechnics (EEG 1) - ROOM 4	Estokova Adriana Technical University of Košice, Slovakia
15:30	15:45	Thermal Impact On The Behavior Of Bentonite Clay For Geo-Environmental Barrier Applications	Priyanka Das Indian Institute of Technology Guwahati
15:45	16:00	Tunnel-Foundation Interaction in Urban Environments: Influence of Excavation Sequence and Soil Nonlinearity	Daniel Dias Laboratory 3SR, Grenoble Alpes University, Grenoble,
16:00	16:15	Estimation of Shrinkage Curve of Nam Dong Soil Based on Atterberg Limits	Thi Phuong An Tran University of Sciences, Hue University, Vietnam
16:15	16:30	Numerical Investigation of Soil Bag Mechanical Behavior Based on the UH Model	Jing Wang Beihang University
16:30	16:45	Bio-Stabilisation of Soil: Leveraging Native Bacteria for Subgrade Strength Improvement	Syamili Sarma Indian Institute of Technology, Guwahati
16:45	17:00	Applying the Non-isothermal Unified Hardening Constitutive Model for One-dimensional Thermomechanical behavior of Weathered Granite Soil	Hanh Nguyen-Cong Department of Architecture and Civil Engineering, Chonnam National University

17:00 17:30 **Closing Remarks**
Announcement of prize winners

CONFERENCE VENUE

Caravelle Saigon Hotel

19-23 Lam Son Plaza, Ben Thanh Ward, Ho Chi Minh City, Vietnam



Address of
Caravelle Saigon Hotel





Location

- The Conference Venue (Caravelle Saigon Hotel) is located in the heart of Ho Chi Minh City, right at the core of the hub of District 1
- 20 minutes drive to the Tan Son Nhat Airport
- Nearby are Ho Chi Minh City's famous landmarks, attractions, shopping malls, and public parks.

Ho Chi Minh City Attractions

1. Ho Chi Minh City People Committee
2. Ben Thanh Market
3. Nguyen Hue Pedestrian Boulevard
4. Saigon Opera House
5. Ho Chi Minh City Book Street
6. Reunification Palace
7. Saigon Notre-Dame Basilica
8. Saigon Central Post Office



1. Ho Chi Minh City People Committee



2. Ben Thanh Market



3. Nguyen Hue Pedestrian Boulevard



4. Saigon Opera House



5. Ho Chi Minh City Book Street



6. Reunification Palace



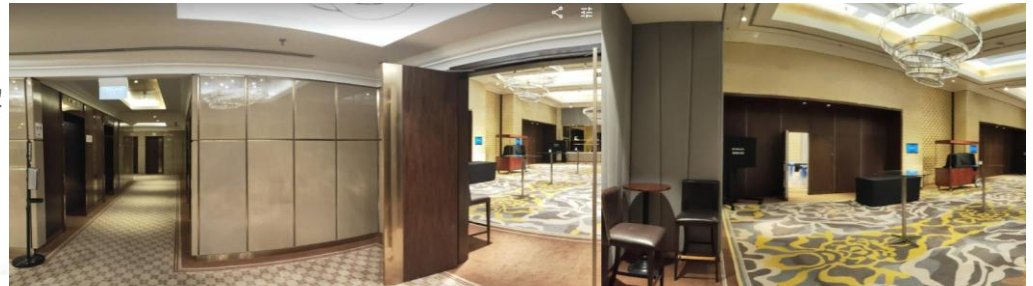
7. Saigon Notre-Dame Basilica



8. Saigon Central Post Office



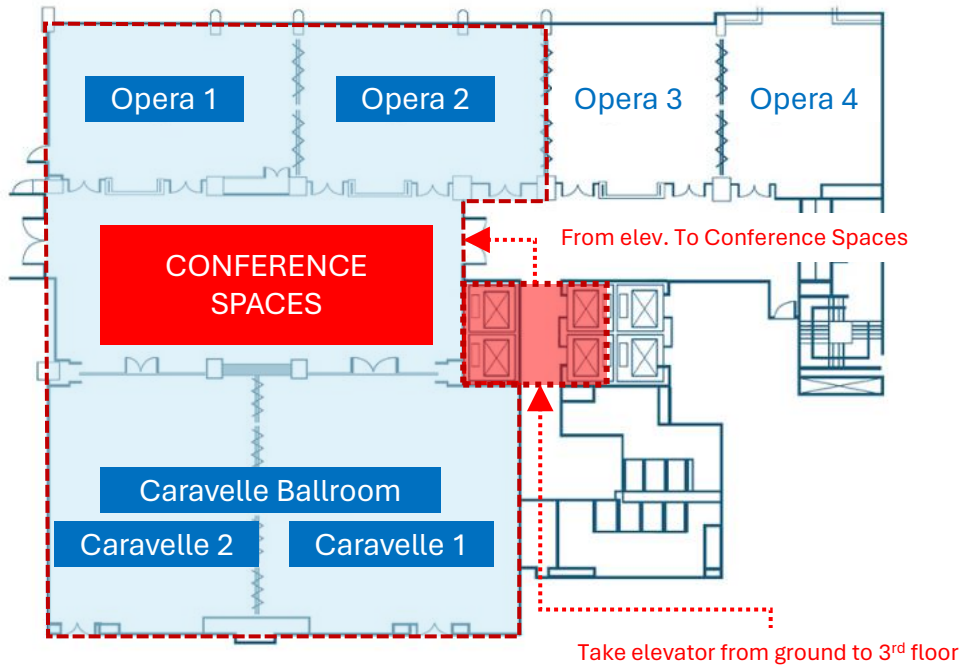
Floor 2 – from parking to lift lobby



Floor 3 – from lift lobby to conference foyer

Cong Truong Lam Son Plaza





All of the conference sessions will be taken place in the 3F of the Caravelle Saigon Hotel



CONFERENCE SPACES

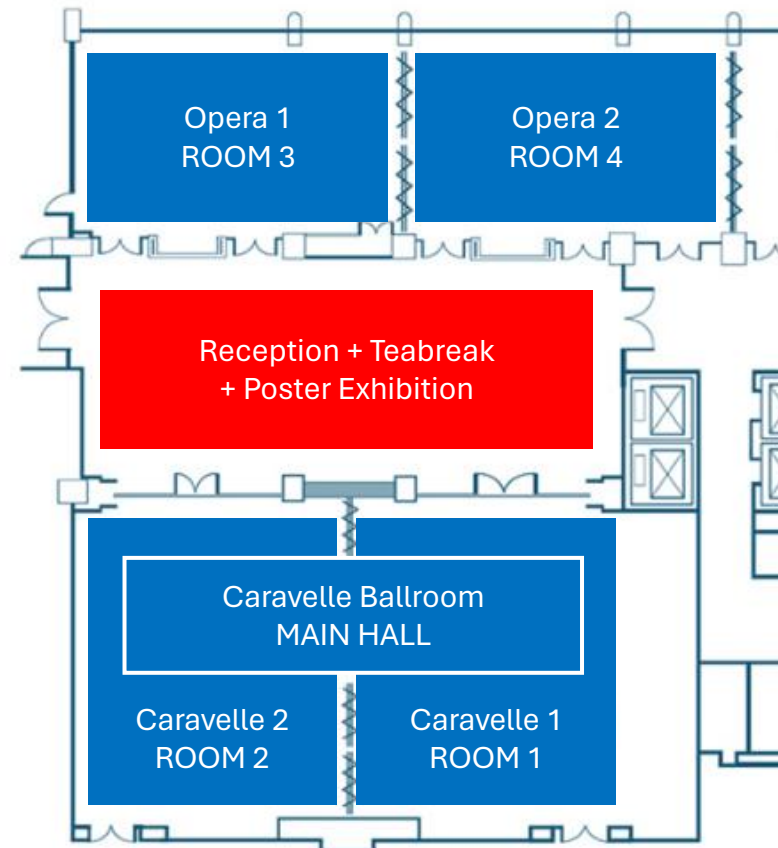
Caravelle 1	ROOM 1
Caravelle 2	ROOM 2
Opera 1	ROOM 3
Opera 2	ROOM 4

Plenary Session:

Main Hall = Caravelle Ballroom (Caravelle 1+2)

Parallel Session: ROOM 1,2,3,4

Room 1:	CMS 1, CMS 3 (16/4),	CMS 5, CMS 6, CMS 8 (17/4)
Room 2:	CMS 2, CMS 4 (16/4),	IMIT 1, CMS 7, CMS 9 (17/4)
Room 3:	AIP 1, AIP 2 (16/4),	AIP 4, AIP 5, AIP 6 (17/4)
Room 4:	EEG 1, AIP 3 (16/4),	AIDT 1, EEG 2, EEG 3 (17/4)



GALA DINNER

A wonderful night on the Hotel Grand Saigon
8 Dong Khoi street, Saigon Ward,
Ho Chi Minh City



Address of
Hotel Grand Saigon

As a part of the CIGOS 2026 conference registration package, the registered participants are invited to attend the Gala Dinner at the unique **HOTEL GRAND SAIGON** a heritage in the heart of Ho Chi Minh City, from 6:00 P.M to 9:30 P.M on 16/04/2026.

The Gala Dinner will be at the Grand Hall Lavender floor 4 of the Hotel Grand Saigon.

The organization board welcomes all the companions with registered participants with additional Gala Dinner tickets (\$50USD or 1.200.000VND per ticket) which are available to purchase at the conference venue in the morning of the first conference day (16 April).

The participant in the Gala Dinner will walk in 5 minutes from Caravelle SaigonHotel to the venue of the Hotel Grand Saigon at 8 Dong Khoi street



1. “Bánh mì” Sandwich



2. “Bún chả” - Vermicelli with grill pork



3. “Cơm tấm” - Broken rice with pork ribs



4. “Phở” - Beef Noodle Soup



5. “Cà phê sữa” - Condensed Milk Coffee



5. “Nước Dừa” – Coconut

MUST-TRY FOODS IN HO CHI MINH CITY

Ho Chi Minh City is a haven for food enthusiasts. Its vibrant streets are lined with food stalls and vendors offering a wide array of tantalizing street foods. Whether you are a fan of noodles, rice dishes, or delectable snacks, Ho Chi Minh City street food can satisfy every palate

CLASSICAL PERFORMING ARTS

Hat boi

A form of Vietnamese classic opera, *hat boi* made its first appearance in the Tran royal court at the end of the 13th century and started to take root in popular culture in the 15th–16th century. In the 17th century, *hat boi* recovered its prime and thrived in Dang Trong (South of the Gianh River) as promoted by Lord Nguyen Phuc Nguyen.

When introduced to the South, *hat boi* took on a brighter, more open, and less restricted tone while maintaining its academic and symbolic nature in its background, makeup, costumes, choreography, and songs. It became an indispensable part of the spiritual life of Southern people. At the end of the 19th century, *hat boi* developed to perfection its stage performance thanks to playwright Dao Tan.



Stage makeup is a distinguishing characteristic of *hat boi*. It can take performers 90 to 120 minutes to paint their faces, do their hair, etc., to perfect a character. The colors of facial makeup can indicate the characters' personalities:

Red: loyal, brave, righteous, and dignified
Bone white: sycophants and schemers
Blue: intelligent, wise, and courageous but often die young
Light yellow: gentle and kind
Light black: rustic, poorly-educated, but kind-hearted
A combination of black and white, with a beard: ferocious and physically strong



Ho Chi Minh City Hat boi Performance Art Theatre
 125A Chau Van Liem, Wd14, Dist.5

ACADEMIC AND CONTEMPORARY PERFORMANCE ART

Ho Chi Minh City Opera House (1900)

This 500-seat French Neoclassical style theater with its ornately decorated façade is often lightened up with orchestral, ballet, opera, and fashion performances.
 7 Lam Son Square, Dist.1



A O Show

Combining bamboo circus, contemporary dance, acrobatics... on the background of live music, to tell a Vietnamese story from the village to the city.

HCM City Opera House
 7 Lam Son Square, Dist.1
 0845 181 188
 luneproduction.com



THE CU CHI TUNNELS

The Cu Chi Tunnels (70km northwest of HCM City center) resemble an underground "military city," covering a 250km² area with secret bases, storages, offices, kitchens, infirmaries, etc. The tunnels were dug during the anti-French resistance war in 1946 using simple tools. By 1965, the tunnel network had three levels spanning the length of 200km: the top and bottom floors were around 3m and 12m deep, respectively.

The Cu Chi Tunnels are conserved at Ben Duc Tunnels (Phu My Hung Commune, Cu Chi Dist.) and Ben Dinh Tunnels (Mhuon Duc Commune, Cu Chi Dist.). This historic destination is also an ideal picnic site with various outdoor activities, such as sport shooting, ziplining, cycling, kayaking, etc.

Try the specialties of the outskirts!

- Boiled cassava with salt – a wartime dish
 - Durian sugarcane juice
 - Cu Chi veal
 - Minh Quy pork knuckle rice noodle soup (bun gio heo)
- 276, Route 22, Tan Thoi Nhi Commune, Hoc Mon Dist.
 6am – 10am

- 7am – 5pm daily
- (028) 379 488 30
- diadocuchi.com.vn
- From Ben Thanh Bus No. 13 & 79
- From Cho Lon bus station: Bus No. 94 & 79
- 2.5 hours
- Greenlines DP
- (depart from Bach Dang Wharf, Dist.1)

THE LEGEND OF CAN GIO

Heading southeast toward the sea gate, Can Gio serves as the green lung of HCM City, with more than 700km² of forest and mangrove land. This Biosphere Reserve, designated by UNESCO, is an exciting weekend getaway and houses the legendary Sac Forest resistance base.

Transportation

- ~38km
- Binh Khanh Ferry -- Sac Forest Rd. -- Can Gio Beach
- Bus No.20 -- Binh Khanh Ferry -- Bus No.90 -- Can Gio Beach



Vam Sat Forest

Fully experience the allure of nature through activities such as camping, cycling, sailing, mangrove planting, crocodile fishing, etc.

The archeological site of Giong Ca Vo

The jar tombs and many burial items are the traces of an early port town at Can Gio, and the trade and migration flows on the East Sea more than 2,000 years ago.



Hang Duong Seafood Market
 You can buy ready-made dishes or ask vendors to cook your pick on the spot.

Thanh An Island commune
 Thanh An attracts visitors with its serene fishing village and endless mangrove forest. Thieng Lieng Hamlet, about 7km from the center of Thanh An Commune, offers a local experience: eating, living, and working together with the salt workers here.

Boat timetable:
 Can Thanh Town -- Thanh An Island
 6:30am, 9am, 10:30am, 12pm, 2pm, 5pm
 VND15,000/pax
 45 minutes

MUST-VISIT IN HO CHI MINH CITY

[Reference from the Heritage Guide]



The Association of Vietnamese Scientists and Experts (AVSE Global),
and the University of Architecture Ho Chi Minh City (UAH),
and the University of Sydney Vietnam Institute (SVI)
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**The 8th International Conference Series on Geotechnics,
Civil Engineering and Structures (CIGOS 2026)**

**INNOVATION IN
PLANNING, DESIGN AND CIVIL INFRASTRUCTURE
FOR RESILIENT AND SUSTAINABLE TRANSFORMATION**

in Ho Chi Minh City, Vietnam on April 16-17, 2026

We would like to express our sincerest gratitude for your support.
We are looking forward to long-term companionship with you.





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Thank you all for joining us
in the CIGOS-2026