



<https://cigos2024.sciencesconf.org/>



The 7th International Conference Series
on Geotechnics, Civil Engineering and Structures
CIGOS 2024

**ADVANCES IN PLANNING,
ARCHITECTURE AND
CONSTRUCTION FOR
SUSTAINABLE
DEVELOPMENT**

**CONFERENCE
HANDBOOK**

Ho Chi Minh City, April 4-5, 2024

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MASTER PROGRAM

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CONFERENCE AT A GLANCE

Thursday / 04.4.2024		
07:30 - 08:30	Ongoing Registration	
08:30 - 09:30	Opening ceremony Speeches: UAH, AVSE Global, MOC	Main Hall
09:30 - 10:15	Keynote Speaker 1	Main Hall
10:15 - 11:00	Keynote Speaker 2	Main Hall
11:00 - 11:30	Coffee break	
11:30 - 12:00	Invited Lecture 1	Main Hall
12:00 - 13:30	Lunch	
13:30 - 15:00	Parallel Sessions	Rooms 1, 2, 3, 4
15:00 - 15:30	Coffee break	
15:30 - 17:00	Parallel Sessions	Rooms 1, 2, 3, 4
18:00 - 22:00	Gala dinner	
Friday / 05.4.2024		
07:30 - 08:15	Ongoing Registration	
08:15 - 09:00	Keynote Speaker 3	Main Hall
09:00 - 09:30	Keynote Speaker 4	Main Hall
09:30 - 10:00	Invited Lecture 2	Main Hall
10:00 - 10:30	Coffee break	
10:30 - 12:00	Parallel Sessions	Rooms 1, 2, 3, 4
12:00 - 13:30	Lunch	
13:30 - 15:00	Parallel Sessions	Rooms 1, 2, 3, 4
15:00 - 15:30	Coffee break	
15:30 - 16:30	Parallel Sessions	Rooms 1, 2, 3, 4
16:30 - 17:00	Closing Remarks Announcement of prize winners	Main Hall

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

Session 1: Planning, Architecture, Industrial Design (PAID)

Session 2: Construction, Materials, Structures, Digital Technologies (CMSDT)

Session 3: Geosciences, Environment, Energy (GEE)

Session 4: Transportation, Infrastructure, Management and Investment (TIMI)

LETTER FROM THE CHAIRS

Welcome to CIGOS 2024!

On behalf of the Association of Vietnamese Scientists and Experts (AVSE Global), the University of Architecture Ho Chi Minh City (UAH), and our esteemed partners, we extend a warm welcome to each of you to the 7th 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, RILEM, and TC-309 of ISSMGE, we are thrilled to have gathered over 430 abstracts from 45 different countries. Each abstract reflects our theme, “Advances in Planning, Architecture, and Construction for Sustainable Development,” highlighting the cutting-edge advancements in our key topics: Planning, Architecture, Industrial Design; Construction, Materials, Structures, Digital Technologies; Geoscience, Environment, Energy; and Transportation, Infrastructure, Management, and Investment.

Following an intensive selection process by our international scientific committee and globally invited reviewers, nearly 200 papers have been chosen for oral presentation. These papers, along with six 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 2024, 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!

Van Thuong Le, 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



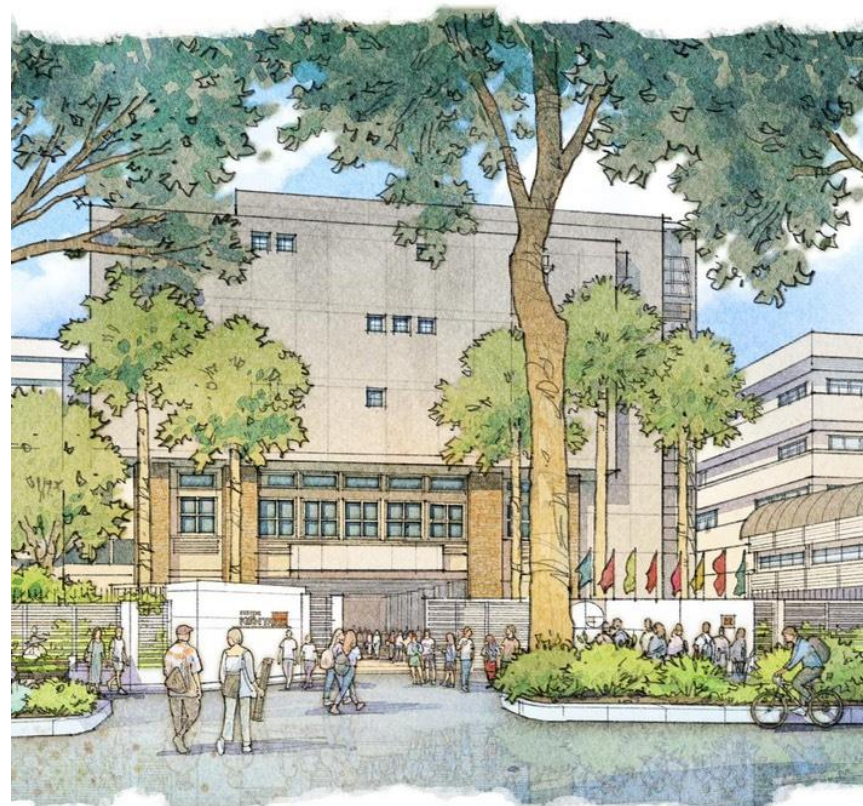
Association of Vietnamese Scientists and Experts (AVSE Global)

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 (UAH)

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.



KEYNOTE AND INVITED SPEAKERS



Kelly Shannon

Professor, KU Leuven, Belgium



Kim Rasmussen

Professor, University of Sydney, Australia



Lyesse Laloui

Professor, Swiss Federal Institute of Technology, EPFL,
Lausanne, Switzerland



Van Thanh Van Nguyen

Professor, McGill University, Canada



Ngo Viet Nam Son

President, NgoViet Architects & Planners, Vietnam



Johann Plank

Professor, Technical University of Munich, Germany

ORGANIZING COMMITTEE

Chairmen

Van Thuong Le, 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

Local Members (University of Architecture Ho Chi Minh City, Vietnam)

Anh Tuan Vo, Faculty of Urban Infrastructure Engineering
Dinh Nhan Dao, Faculty of Civil Engineering
Dinh Nhat Truong, Faculty of Civil Engineering
Huu Anh Tuan Nguyen, Faculty of Civil Engineering
Huu Hieu Tran, Financial Planning Department
Mai Anh Tran, Institute of International Education
Ngoc Tuan Pham, Faculty of Urban Planning
Nguyen Hoang Long Truong, Faculty of Architecture
Nhut Duy Phan, Institute of Postgraduate Education
Phu Cuong Pham, Faculty of Architecture
Quang Thanh Truong, Faculty of Civil Engineering
Si Nguyen Tran Pham, Department of Science - Technology Management and International Relations
Song Hong Pham, Faculty of Civil Engineering
Ta Le Phan, Faculty of Civil Engineering
Thanh Hung Dang, Faculty of Architecture
Thi Bich Ngoc Nguyen, Department of Science - Technology Management and International Relations
Thi Ho Vi Le, Faculty of Architecture
Thi Hong Hanh Vu, Faculty of Architecture
Thi Kim Dung Pham, Administration Department
Thi Le Thai, Department of Science - Technology Management and International Relations
Thi Quynh Nhu Nguyen, Faculty of Civil Engineering
Van Phuc Tran, Office of Academic Affairs
Viet Anh Vu, Institute of International Education

International Members

Anh Minh Tang, AVSE Global & ENPC, France
Dat Vu Khoa Huynh, AVSE Global & Norwegian Geotechnical Institute, Norway
Duy Khanh Pham, AVSE Global & University of Sydney, Australia
Khac Xuan Vinh Nguyen, AVSE Global & Tractebel Engie, France
Minh Nhat Phi, AVSE Global & ESTP, France
Ngoc Tuyen Tran, AVSE Global & Ha Tinh University, Vietnam
Thuc Anh Le, AVSE Global & University of Sydney, Australia
Tuan Anh Do, AVSE Global & Viettel Aerospace Institute, Vietnam

PROGRAM AT A GLANCE

Thursday, April 04, 2024

07:30	08:30	Ongoing Registration			
08:30	09:30	Opening Ceremony, Speeches			
09:30	10:15	KEYNOTE 1 The Necessity Of Design Research To Address Global Warming - Learning From The Mekong And Saigon-Dong Nai Deltas Kelly Shannon , KU Leuven, Belgium (Chairs: Christophe Lanos & Dr.Ngo Viet Nam Son)			
10:15	11:00	KEYNOTE 2 Unlocking Renewable Energy In The Urban Subsurface Lyesse Laloui , Swiss Federal Institute of Technology, EPFL, Lausanne, Switzerland (Chairs: Christophe Lanos & Dr.Ngo Viet Nam Son)			
11:00	11:30	Coffee Break			
11:30	12:00	INVITED LECTURE 1 New Sustainable Development Strategies In The Provincial Planning Of Khanh Hoa Ngo Viet Nam Son , Ngo Viet Architects & Planners, Vietnam (Chairs: Kelly Shannon & Dr Hanh T.H Vu)			
12:00	13:30	Lunch			
13:30	15:00	Planning, Architecture, Industrial Design (PAID)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Geoscience, Environment, Energy (GEE)
		Hoang Long Truong Nguyen , University of Architecture Ho Chi Minh City, Vietnam	Cuong Ha-Minh , AVSE Global & University of Paris-Saclay, France	Huu Tai Thai , University of Melbourne, Australia	Pahirangan Sivapatham , University of Wuppertal, Germany
15:00	15:30	Coffee Break			
15:30	17:00	Planning, Architecture, Industrial Design (PAID)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Geoscience, Environment, Energy (GEE)
		Le Thi Ho Vi , University of Architecture Ho Chi Minh City, Vietnam	Martin Cyr , University Toulouse III, France	Cao Hung Pham , University of Sydney, Australia	Emmanuel Ferrier , Université Claude Bernard Lyon 1, France
18:00	22:00	Gala Dinner			

CIGOS2024_Plenary Sessions

<https://meet.google.com/hgn-aqzd-epd>

You may join online via the above and next Google Meet links

CIGOS2024_Parallel Sessions Room 1

<https://meet.google.com/ktz-fxki-pvu>

CIGOS2024_Parallel Sessions Room 2

<https://meet.google.com/obv-gsip-xyz>

CIGOS2024_Parallel Sessions Room 3

<https://meet.google.com/xhp-upbh-pjk>

CIGOS2024_Parallel Sessions Room 4

<https://meet.google.com/sdy-iwek-nwm>

Friday, April 05, 2024

07:30	08:15	Ongoing Registration			
08:15	09:00	KEYNOTE 3 Recent Research On Built-Up Cold-Formed Steel Structures Kim Rasmussen , University of Sydney, Australia (Chairs: Ken Sivakumaran & Giang Nguyen)			
09:00	09:30	INVITED LECTURE 2 Linking Climate Change To Urban Water Infrastructure Design: Recent Advances And Shortcomings In Downscaling Methods Van Thanh Van Nguyen , McGill University, Canada (Chairs: Ken Sivakumaran & Giang Nguyen)			
09:30	10:00	INVITED LECTURE 3 "Greening" The Construction Industry: Sustainable Alternatives To Conventional Cement Made Possible Through New PCE Superplasticizer Design Johann Plank , Technical University of Munich, Germany (Chairs: Ken Sivakumaran & Giang Nguyen)			
10:00	10:30	Coffee Break			
10:30	12:00	Planning, Architecture, Industrial Design (PAID)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Transportation, Infrastructure, Management, Investment (TIMI)
		Tran Mai Anh , University of Architecture Ho Chi Minh City, Vietnam	Kim Rasmussen , University of Sydney, Australia	Dinh Nhan Dao , University of Architecture Ho Chi Minh City, Vietnam	Dat Vu Khoa Huynh , Norwegian Geotechnical Institute, Norway
12:00	13:30	Lunch			
13:30	15:00	Planning, Architecture, Industrial Design (PAID)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Construction, Materials, Structures, Digital Technologies (CMSDT)	Transportation, Infrastructure, Management, Investment (TIMI)
		Nhat Duy Phan , University of Architecture Ho Chi Minh City, Vietnam	Christian Paglia , University of Applied Sciences and Arts of Southern Switzerland, Switzerland	Johann Plank , Technical University of Munich, Germany	Chinh Ho , University of Sydney Business School, Australia
14:45	15:30	Coffee Break			
15:30	17:00	Planning, Architecture, Industrial Design (PAID)	Construction, Materials, Structures, Digital Technologies (CMSDT)		Transportation, Infrastructure, Management, Investment (TIMI)
		Thanh Hung Dang , University of Architecture Ho Chi Minh City, Vietnam	Vu Truong Vu , Nguyen Tat Thanh University, Vietnam		Dinh Nen Nguyen , University of Architecture Ho Chi Minh City, Vietnam
17:00	17:30	Closing Remarks Announcement of prize winners			

DETAILED PROGRAM - THURSDAY, APRIL 4, 2024

Start	End	Title	Chair + Speaker
07:30	08:30	Ongoing Registration	
08:30	09:30	Opening Ceremony, Speeches	
09:30	10:15	KEYNOTE 1 The Necessity Of Design Research To Address Global Warming - Learning From The Mekong And Saigon-Dong Nai Deltas	Kelly Shannon , KU Leuven, Belgium (Chairs: Christophe Lanos & Ngo Viet Nam Son)
10:15	11:00	KEYNOTE 2 Unlocking Renewable Energy In The Urban Subsurface	Lyesse Laloui , Swiss Federal Institute of Technology, EPFL, Lausanne, Switzerland (Chairs: Christophe Lanos & Ngo Viet Nam Son)
11:00	11:30	Coffee Break	
11:30	12:00	INVITED LECTURE 1 New Sustainable Development Strategies In The Provincial Planning Of Khanh Hoa	Ngo Viet Nam Son , Ngo Viet Architects & Planners, Vietnam (Chairs: Kelly Shannon & Hanh T.H Vu)
12:00	13:30	Lunch	
13:30	15:00	Planning, Architecture, Industrial Design - ROOM 1	Hoang Long Truong Nguyen , University of Architecture Ho Chi Minh City, Vietnam
13:30	13:45	Discover The Cultural Language Of The Lower Kon River, Ha Thanh River - Binh Dinh Province – Vietnam	Pham Viet Quang, Cu Thi Anh Tuyet
13:45	14:00	Research On Sa Pa Urban Planning And Architecture Adapted To Indigenous Factors Perspectives And Principles	NGUYEN Viet Huy , Ph.D. - VU Thi Huong Lan , Ph.D. student, Architecture and Planning Department, Hanoi University of Civil Engineering, Vietnam
14:00	14:15	Light Industrial Building Design Towards Sustainable Development In The Southern Key Economic Region Of Vietnam	Quyen Dang Hoang , University of Architecture Ho Chi Minh City, Vietnam
14:15	14:30	Exploring The Challenges And Opportunities Of Incorporating Traditional Ethnic Minority Design Into Contemporary Resort Architecture In Vietnam	Hong Loan Nguyen , University of Architecture Ho Chi Minh City, Vietnam
14:30	14:45	Philosophical Folklore In Vietnamese Traditional Architecture	Diem Thanh Tran , PhD.Student, Faculty of Architecture, University of Architecture Ho Chi Minh City
14:45	15:00	The Correlation Between Building Archetypes, Thermal Comfort And Energy Use In Residential Buildings In Ho Chi Minh City, Vietnam	Thanh Hung Dang , University of Architecture Ho Chi Minh City, Vietnam
13:30	15:00	Construction, Materials, Structures, Digital Technologies - ROOM 2	Cuong Ha-Minh , AVSE Global & University of Paris-Saclay, France
13:30	13:45	High-Performance Timber Concrete Floor Pannel Connected By Bonding	Emmanuel FERRIER , Université de Lyon, Université Lyon 1, Laboratory of Composite Materials for Construction
13:45	14:00	Fatigue Growth, Small Testing And Statistical Fractography Of Welded Connection In A Residual Life Assessment (Rla) Strategy	Bruno Depale , cetim, CEntre Technique des Industries Mécaniques
14:00	14:15	Experimental Testing Of Centrally Compressed Cold-Formed Steel Members With Web Holes	Vladimir Živaljević , Faculty of Technical Sciences, University of Novi Sad, Trg Dositeja Obradovića 6, Novi Sad
14:15	14:30	The Past And The Future Of Supplementary Cementing Materials (SCM)	Martin Cyr , Laboratoire Matériaux et Durabilité des constructions
14:30	14:45	U-Net Architecture-Based Image Detection Model Development For Defect Detection In Hot Rolling Mill	Eul-Bum Lee , Pohang University of Science and Technology
14:45	15:00	Effects Of Printing Patterns On Strength Of 3D-Printed Cement Mortar	Giang D. Nguyen , The University of Adelaide - Murat Karakus, The University of Adelaide

Start	End	Title	Chair + Speaker
13:30	15:00	Construction, Materials, Structures, Digital Technologies - ROOM 3	Huu Tai Thai , University of Melbourne, Australia
13:30	13:45	Numerical Design Calculation Of Fin Plate Connections In Fire	František Wald , Czech Technical University in Prague
13:45	14:00	Axisymmetric Modeling Of Cfst Columns Under Axial Compression	Quang-Viet Vu , Laboratory for Computational Civil Engineering, Institute for Computational Science and Artificial Intelligence, Van Lang University, Ho Chi Minh City, Vietnam
14:00	14:15	The Durability And Potability Of Cement-Based Coatings For Drinking Water Reservoirs	Christian Paglia
14:15	14:30	Evaluating Impact Resistance Of Rubberized Cement-Stabilized Aggregates	Phuong Pham , The University of Danang, University of Science and Technology, Vietnam
14:30	14:45	Experimental Study On Photocatalytic Efficiency Of Tio2-Coated Cement Plaster In Reduction Of Ambient Tvoc	Shweta Mishra , Indian Institute of Technology Ropar - Putul Haldar , Indian Institute of Technology Ropar - Indramani Dhada , Indian Institute of Technology Ropar
14:45	15:00	Calculation Guide Of Cold-Formed Channel Girts By Aisi S100 Using Dsm Analytical Solution	HUY HOANG VU, Anh Vu , Ha Noi Architectural University Cao Hung Pham , University of Sydney
13:30	15:00	Geoscience, Environment, Energy - ROOM 4	Pahirangan Sivapatham , University of Wuppertal, Germany
13:30	13:45	Creating Eco-Friendly Urban Spaces Through Effective Stakeholder Coordination In Vietnam.	Nguyen Thi Thanh Mai , Hanoi University of Civil Engineering - Ian Wlderspin Furniss , Sen Company - Hong Do Thi Thuy , Sen Company - Diep Lai Thi Ngoc , Hanoi University of Civil Engineering, Vietnam
13:45	14:00	Application Of Early Warning System For Monitoring Landslide Vulnerability Of Slope	Muhammad N. Hidayat , Kyushu University
14:00	14:15	Evaluation Of The Shear Strength And Dilatancy Behavior Of Sand-Clay Mixtures Under Direct Shear Tests	Phu Nhat-Truyen, Pham Ngoc Duc Thinh , Faculty of Geology and Petroleum Engineering, Ho Chi Minh City University of Technology (HCMUT), Vietnam National University Ho Chi Minh City, Vietnam
14:15	14:30	Using Artificial Neural Network In Conjunction With Well Log Data To Assess The Permeability Distribution In Fractured Basement Reservoir, Bp Oil Field, Vietnam Continental Shelf	Nguyen Tuan , Ho Chi Minh City University of Technology, Vietnam National University, Vietnam
14:30	14:45	Rheology Of Gypsum Foams	Christophe LANOS , LGCGM
14:45	15:00	A Study Of Engineering Characteristics Of Columbite Tailings	Ismail Adeniyi Okewale , University of Johannesburg - Hendrik Grobler, University of Johannesburg
15:00	15:30	Coffee Break	

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CIGOS2024_Parallel Sessions Room 1
<https://meet.google.com/ktz-fxki-pvu>

CIGOS2024_Parallel Sessions Room 2
<https://meet.google.com/obv-gsip-xyz>

CIGOS2024_Parallel Sessions Room 3
<https://meet.google.com/xhp-upbh-pjk>

CIGOS2024_Parallel Sessions Room 4
<https://meet.google.com/sdy-iwek-nwm>

DETAILED PROGRAM - THURSDAY, APRIL 4, 2024

Start	End	Title	Chair + Speaker
15:30	17:00	Planning, Architecture, Industrial Design – ROOM 1	Le Thi Ho Vi , University of Architecture Ho Chi Minh City, Vietnam
15:30	15:45	Awakening Landscape Identity Based On Water Sensitive Urban Design - A Case Study In Bao Vinh Commercial Port, Hue, Vietnam.	Nguyen Quoc Thang , Faculty of Architecture, Hue University of Sciences, Hue University
15:45	16:00	Participatory Landscape Design And Water Management	Albert FEKETE , Institute of Landscape Architecture, Urban Planning and Garden Art, MATE, Hungary, Hungarian Garden Heritage Foundation Ágnes HERCZEG, Hungarian Garden Heritage Foundation, Institute of Landscape Architecture, Urban Planning and Garden Art, MATE, Hungary
16:00	16:15	Urban Acupuncture And Its Application In Quy Nhon City	Thuc Trang Dang , Scene Plus Architects (SP)
16:15	16:30	Design Standards To Ensure The Quality Of Public Spaces In Social Housing Apartments From A Community Perspective: A Case Study Of Ho Chi Minh City	Thanh Tuyen Vo , Faculty of Urban Studies, HCMC University of Social Sciences and Humanities – Vietnam National University - Khanh Lan Ta Thi , HCMC Institute for Cadre Development, Vietnam - Tran Thi Phuong Thanh , Urban Management Department Thu Duc City, HCMC, Vietnam
16:30	16:45	Some Thoughts On Rural Housing Design In The Red River Delta Through Heritage Housing Experiences And Contemporary Challenges	NGUYEN Viet Huy , Ph.D., VU Thi Huong Lan , Ph.D. student, Architecture and Planning Department, Hanoi University of Civil Engineering, Vietnam
16:45	17:00	Research On The Effect Of Natural Landscape On The Architecture Of High-Rise Buildings In Nha Trang City, Vietnam	Hai-Binh Nguyen , Faculty of Civil Engineering, Ton Duc Thang University, Vietnam
15:30	17:00	Construction, Materials, Structures, Digital Technologies – ROOM 2	Martin Cyr , University Toulouse III, France
15:30	15:45	Effect Investigation Of Delamination Shape On The Detectability Of Active Infrared Thermography In Painted Concrete Structures	Quang Tai Ta , Department of Architecture and Civil Engineering, Chonnam National University, Gwangju, 61186, South Korea - Van Ha Mac , Department of Urban Transport and Marine-Coastal Engineering, Faculty of Civil Engineering, University of Transport and Communications, Viet Nam - Jungwon Huh , Department of Architecture and Civil Engineering, Chonnam National University, Gwangju, 61186, South Korea
15:45	16:00	Stiffeners For Enhanced Web Crippling Strength Of Cold-Formed Steel Sections	Ken Sivakumaran , McMaster University
16:00	16:15	Joints In Steel-Concrete Composite Construction	Huu Tai Thai , Department of Infrastructure Engineering, The University of Melbourne
16:15	16:30	Applying Reliability Theory To Assess The Danger Level Of Existing Reinforced Concrete Buildings According To Vietnamese Standards	Bac An Hoang , University of Architecture Ho Chi Minh City, Vietnam
16:30	16:45	Peat Stabilization: Mechanisms Of Geopolymer	Fianita Anthony , Curtin University, Sarawak Malaysia
16:45	17:00	Effects Of Emission-Reducing Measures On Performance Of High Stable Asphalt	Pahirangan Sivapatham , University of Wuppertal

Start	End	Title	Chair + Speaker
15:30	17:15	Construction, Materials, Structures, Digital Technologies – ROOM 3	Cao Hung Pham , University of Sydney, Australia
15:30	15:45	Approximation Of Continuous Spectrum By Discrete Spectrum For The Tridimensional Linear Viscoelastic Models Of Bituminous Materials	Quang Tuan Nguyen , University of Transport and Communications, Vietnam
15:45	16:00	Determination Of Climate Zones For Bitumen Performance Grading Distribution Map In Laos	Quang Tuan Nguyen , University of Transport and Communications, Vietnam
16:00	16:15	Cold Recycling Of Reclaimed Asphalt Pavement Using Cement Admixture	Trang Nguyen Thu , Luong Pham Van , Quan Pham Hong , Dai Ngo Van , University of Transport Technology, Vietnam
16:15	16:30	Compressive Strength Of Bamboo Column With Concrete Inside: Experimental Study	Le Trung-Phong , Nguyen Canh-Thai , Thuy Loi University, Vietnam
16:30	16:45	Applying Frp Composites Materials For Repairing And Reinforcing Dien Bien Phu Bridge, Binh Thanh District, HCMC: Effective And Economic Solution	Nguyen Van Giang , Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HUTECH), Vietnam
16:45	17:00	Bim-Integrated System: A Successful Alternative For Calculating Cash Flow In Large-Scale Projects	Thi Thu Hang Le , University of Architecture Ho Chi Minh City, Vietnam
17:00	17:15	Assessment Of Railroad Settlement Zone Based On D-Insar And Field Measurements	JEONGHO OH , Korea National University of Transportation
15:30	17:00	Geoscience, Environment, Energy – ROOM 4	Emmanuel Ferrier , Université Claude Bernard Lyon 1, France
15:30	15:45	Electrification Of Road Freight Transport: A Case Study Of The Greater Bay Area, China	Ka Ho Tsoi , The University of Hong Kong
15:45	16:00	Investigating The Effects Of Nano-Calcite On Microbially Induced Calcium Carbonate Precipitation To Enhance Soil-Sand Bio-Cementation	Huynh Nguyen Ngoc Tri , Faculty of Materials Technology, Ho Chi Minh City University of Technology, VNU-HCM, Vietnam
16:00	16:15	Application Of Clean And Smart Energy Sources In The Development Of Ecological High-Rise Apartment Buildings In Ho Chi Minh City, Vietnam	Hai Yen Hoang , Ho Chi Minh City University of Technology (HUTECH), Vietnam
16:15	16:30	Fully Coupled Moisture And Heat Transfer For Power Cable Rating	Hung Pham , Technical University of Darmstadt, Institute of Applied Geosciences
16:30	16:45	Landfill Liner Design Employing Local Materials: Bentonite-Sand Mixtures Using Two Sand Types	Abdellah DEMDOUM , Department of Civil Engineering, Mustapha Stambouli University
16:45	17:00	Effectiveness Of Vetiver-Based Bioengineering In Combination With Recycled Plastic Pin (Rpp) For Steep Embankment Stabilization	Mohammad Shariful Islam , Department of Civil Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000
19:00	22:00	Gala Dinner	

You may join online via the following Google Meet links

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CIGOS2024 Parallel Sessions Room 1
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CIGOS2024 Parallel Sessions Room 3
<https://meet.google.com/xhp-upbh-pjk>

CIGOS2024 Parallel Sessions Room 4
<https://meet.google.com/sdy-iwek-nwm>

DETAILED PROGRAM - FRIDAY, APRIL 5, 2024

Start	End	Title	Chair + Speaker
07:30	08:15	Ongoing Registration	
08:15	09:00	KEYNOTE 3 Recent Research On Built-Up Cold-Formed Steel Structures	Kim Rasmussen, University of Sydney, Australia (Chairs: Ken Sivakumaran & Giang Nguyen)
09:00	09:30	INVITED LECTURE 2 Linking Climate Change To Urban Water Infrastructure Design: Recent Advances And Shortcomings In Downscaling Methods	Van Thanh Van Nguyen, McGill University, Canada (Chairs: Ken Sivakumaran & Giang Nguyen)
09:30	10:00	INVITED LECTURE 3 - "Greening" The Construction Industry: Sustainable Alternatives To Conventional Cement Made Possible Through New PCE Superplasticizer Design	Johann Plank, Technical University of Munich, Germany (Chairs: Ken Sivakumaran & Giang Nguyen)
10:00	10:30	Coffee Break	
10:30	12:00	Planning, Architecture, Industrial Design – ROOM 1	Tran Mai Anh, University of Architecture Ho Chi Minh City, Vietnam
10:30	10:45	Orientation To Organize The Landscape Architectural Space Of Hanoi Pedestrian Streets Towards The Goals Of Sustainable Development	Pham Thi Ngoc Lien, Hanoi Architectural University, Vietnam
10:45	11:00	Public Pocket Parks In Ho Chi Minh City Center - A Physical Setting Analysis And Revitalization Design Approach	Vu Viet Anh, Pham Thi Ai Thuy, Khong Minh Trang, Phan Thi Thanh Hien, Pham Ngoc Thang, University of Architecture Ho Chi Minh City, Vietnam
11:00	11:15	Smart Development For New Urban Area Focus In The Case Of Ecopark, Hanoi	Ta Thi Thu Huong, Van Tan Tra, Tran Duc Binh, Hanoi University of Civil Engineering, Vietnam
11:15	11:30	Ai Technology And The Potential Applications In Architectural Design And Applied Fine Arts Education In The Vietnam Context	THUY VO, Associate Professor, Nguyen Tat Thanh University, Vietnam
11:30	11:45	Strengthening Circular Urbanisation Based On Regional Material Cadastres	Georg Schiller, Leibniz Institute of Ecological Urban and Regional Development
11:45	12:00	Urban Regeneration - Application Of Ecological Principles For Sustainable Spatial Development In Dran Town	Bach Minh Don, Vy Le, HANH VU, University of Architecture Ho Chi Minh City, Vietnam
10:30	12:00	Construction, Materials, Structures, Digital Technologies – ROOM 2	Kim Rasmussen, University of Sydney, Australia
10:30	10:45	Full-Scale Testing Of Modular Steel Footbridge	Mohanad Mursi, John Papangelis, The University of Sydney
10:45	11:00	The Active Effect Of The Low-Rise Building Chimney In Withstanding Tornadoes	Thanh-Viet Tran, Duy Tan University, Vietnam
11:00	11:15	Effect Of Sheath Spacing And Grout Filling Status On Sheath Corrosion Cracks Of Post-Tensioned Pc	Kondo Takuya, National Institute of Technology, Kochi College
11:15	11:30	Fem Analysis Of Web Crippling Phenomenon Of Cold-Formed Steel-Lipped C-Sections Subject To Two Flange Loading Cases	Yiyu Xie, The University of Sydney
11:30	11:45	Shear Capacity Of Beams With Curved Corrugated Webs	John Papangelis, The University of Sydney
11:45	12:00	Behavior Of Cold-Formed Channels With AV-Shape Web Stiffener Bending About The Asymmetrical Axis	Huy Hoang Vu, Ha Noi Architectural University - Quoc Anh Vu, Ha Noi Architectural University

Start	End	Title	Chair + Speaker
10:30	12:00	Construction, Materials, Structures, Digital Technologies – ROOM 3	Dinh Nhan Dao, University of Architecture Ho Chi Minh City, Vietnam
10:30	10:45	Interaction Between Drying Shrinkage And Hardening Of Geopolymers	Annabelle PHELIPOT-MARDELE, Univ Rennes, Laboratoire de Génie Civil et Génie Mécanique
10:45	11:00	Study To Propose Using Abaqus To Calculate Airport Flexible Pavement On Rigid Foundation	Trinh Trung Tien, Le Quy Don Technical University - Quoc Van Nguyen, Le Quy Don Technical University
11:00	11:15	Design Of Self-Compacting Concrete Mixture With High Fly Ash Content For Rural Road Construction In Vietnam	Cuong Nguyen Hung
11:15	11:30	The Study Focuses On The Application Of Self-Compacting Concrete With High Fly Ash Content In The Construction Of Sidewalks In Hanoi City	Cuong Nguyen Hung
11:30	11:45	Free Vibration Analysis Of The Functionally Graded Porous Plates With Auxetic Honeycomb Core Laid On Kerr-Type Elastic Foundation	Cao Huu-Loi, Department of Civil Engineering, Tra Vinh University - Vu Tan-Van, Department of Civil Engineering, University of Architecture Ho Chi Minh City, Vietnam
11:45	12:00	Supersulfated Cement Formulation Using Recycled Gypsum From Building Waste	Christophe LANOS, LGCGM
10:30	12:00	Transportation, Infrastructure, Management, Investment – ROOM 4	Dat Vu Khoa Huynh, Norwegian Geotechnical Institute, Norway
10:30	10:45	Barriers To The Adoption Of Integrating Electric Mobility Toward Commercial Transport In Vietnam	THI NHU Nguyen, Faculty of Transport Economics, University of Transport and Communications, Vietnam
10:45	11:00	Hazard Conceptual Framework For Motorcyclists In Vietnam And Countermeasures: Findings From A Focus Group And In-Depth Interview Study	Man Nguyen, Vietnamese-German University, Vietnam
11:00	11:15	A Hybrid Hazard Avoidance Training Program For Young Novice Motorcycle Riders In Vietnam: Findings From The Video-Based Tests	Man Nguyen, Vietnamese-German University, Vietnam
11:00	11:45	Finding Pareto Solution Based On Hybrid Slime Mold Algorithm With Tournament Selection For Solving Multiple-Objectives Optimization In Construction Projects	Khoi Luu Ngoc Quynh, Ho Chi Minh City University of Technology, Vietnam
11:15	11:30	Data-Centric Model For Multiclass Lane Change Maneuver Prediction Using A Naturalistic Driving Dataset	Pham Huong, University of Nebraska [Lincoln], Hanoi University of Communication and Transport, Vietnam
11:45	12:00	Effects Of Bottom Ash Content On Compression Characteristic Of Stabilized Dredged Soil	Phuong Linh T. Nguyen, Department of Civil Engineering, Ho Chi Minh City Open University, Ho Chi Minh City, Vietnam - Ba-Phu Nguyen, Department of Civil Engineering, Industrial University of Ho Chi Minh City, Ho Chi Minh City, Vietnam
12:00	13:30	Lunch	

DETAILED PROGRAM - FRIDAY, APRIL 5, 2024

Start	End	Title	Chair + Speaker
13:30	15:00	Planning, Architecture, Industrial Design	Nhat Duy Phan , University of Architecture Ho Chi Minh City, Vietnam
13:30	13:45	Roof Slope And Vertical Facade Ratios In Traditional Vietnamese Architect. Case Study: Traditional Wooden House In The Central Of Vietnam	Hieu Trantrung , Ho Chi Minh City University of Technology (HUTECH), Vietnam
13:45	14:00	Place Attachment- The Management Of Urban Parks And Public Gardens In The Historical Inner City Of Hanoi Towards Sustainable Development	Hương Nguyễn Thị Diệu , Hanoi Architectural University, Vietnam
14:00	14:15	The Adaptive Reuse Potential Of The Old Residential Buildings In Ho Chi Minh City	Mai Le Ngoc Ha , Van Lang University, Vietnam
14:15	14:30	Spatial Urban-Agriculture Planning And Management In Metropolitan Areas Of Vietnam: Community-Based Solutions For Sustainable Development	Hau Do , Vietnam Urban Planning and Development Association - Hung Viet Ngo , Faculty of Urban Management, Hanoi Architectural University
14:30	14:45	The Role Of Public Art In Forming And Expanding Urban Cultural Spaces From Saigon, Gia Dinh, To Ho Chi Minh City	Nam Thanh Tran , University of Architecture Ho Chi Minh City, Vietnam
13:30	15:00	Construction, Materials, Structures, Digital Technologies	Dr Christian Paglia , University of Applied Sciences and Arts of Southern Switzerland, Switzerland
13:30	13:45	The Use Of Waste Polythene Sachet As Fibre In The Production Of Concrete	Ebenezer Laraiyetan , Civil and Environmental Engineering Department, University of Strathclyde Glasgow
13:45	14:00	Numerical Study On The Failure Of Reinforced Concrete Columns Exposed To Fire Including Cooling Phase	Thi Thu Ha NGUYEN , Ha Noi Architectural University - Thi Binh CHU , Ha Noi Architectural University
14:00	14:15	Few-Layer-Graphene Based Smart Concrete: A New Paradigm In Construction Materials	Salvatore Polverino , Università degli studi di Genova, University of Genoa
14:15	14:30	Study On The Effect Of Using Seashells To Partially Replace Large Aggregates In Concrete	Minh Tuan HA , Ho Chi Minh City University of Technology (HUTECH), Vietnam
14:30	14:45	Digital Technologies And The Pandemic: The Rise Of Ict-Enabled Governance Strategies For Combatting Covid-19 In The Smart City Of Bhubaneswar, India	Sramana Mukherjee , National Institute of Technology Rourkela
14:45	15:00	Influence Of Double Protection Layers On The Fire Resistance Of Load-Bearing Lsf Wall Panels	Mohammed HASSOUNE , Geomaterials Laboratory, Civil Engineering Department, University of Blida1, BP 270 Soumaa, Blida, Department of Building Environment and Energy Engineering, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong

Start	End	Title	Chair + Speaker
13:30	15:00	Construction, Materials, Structures, Digital Technologies	Johann Plank , Technical University of Munich, Germany
13:30	13:45	Co2 Curing For Surface Hardening Of Flowable Fill With By-Product Material And Air-Foam: A Sustainable Approach	Tri Ho Minh Le , Nguyen Tat Thanh University, Vietnam
13:45	14:00	Cold-Rolled Aluminium Channel Sections In Shear: Experimental And Numerical Approaches	XUYANG CHEN , School of Civil Engineering, The University of Sydney
14:00	14:15	Assessment Of Change In Vibration Responses For Reinforced Concrete Beams Strengthened With Frp Sheets Under Various Loadings	Manh-Hung Tran , Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT), VNU-HCM, Vietnam
14:15	14:30	Damage Detection In Beam-Like Structures Using Mode Shape Curvature Change-Based Method	Manh-Hung Tran , Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HCMUT), VNU-HCM, Vietnam
14:30	14:45	Concrete Volumetric Building Units For Highly Environmental-Efficient Modular Houses	Tan Trung BUI , INSA Lyon
14:45	15:00	Applicability Of Various Interpretation Criteria For Pre-Bored Precast Concrete (Pc) Piles Under Uplift Loading	Mary Abigail Jos , Department of Civil Engineering, Chung Yuan Christian University
13:30	15:00	Transportation, Infrastructure, Management, Investment	Chinh Ho , University of Sydney Business School, Australia
13:30	13:45	Development Of A Building Repair Time Component For The Disaster Losses Estimate In The Mamuju Earthquake	Roi Milyardi , Institut Teknologi Bandung
13:45	14:00	Landscape Infrastructure - An Original Implementation Approach Of Green Infrastructure In Hue, Vietnam.	Nguyen Quoc Thang , Faculty of Architecture, Hue University of Sciences, Hue University
14:00	14:15	A Dual Control Mode Of Major Risks And Its Practice	Jizheng Huang , BY Civil Engineering Consulting Co., Ltd.
14:15	14:30	Natural Language Processing For Infrastructure Resilience To Natural Disasters: A Scientometric Review	Chau Le , North Dakota State University
14:30	14:45	Estimating Service Life Of Reinforced Concrete Bridges In Mekong Delta Region Under Chloride Corrosion Risk – A Case Study Of Ganh Hao Bridge Project	Nguyen Minh Duc , Hochiminh City University of Transport, Vietnam
14:45	15:00	Integrating On-Demand Transport Into An Existing Transport Network: A Data-Driven Simulation Approach	Chinh Ho , The University of Sydney Business School
14:45	15:30	Coffee Break	

DETAILED PROGRAM - FRIDAY, APRIL 5, 2024

Start	End	Title	Speaker
15:30	17:00	Planning, Architecture, Industrial Design	Thanh Hung Dang , University of Architecture Ho Chi Minh City, Vietnam
15:30	15:45	From Eco To Technological City And Back - An Eco-Smart Urban Spatial Structure For Phan Rang-Thap Cham City, Ninh Thuan Province, Vietnam	Nguyen Quoc Vinh - Nguyen Thi Huong Trung , Ho Chi Minh City City University of Technology, Vietnam National University (Ho Chi Minh City), Vietnam
15:45	16:00	Color Design In The Physical Learning Environment Influences Preschool Children's Cognitive Development	An Nguyen Thi Tam , University of Architecture Ho Chi Minh City, Vietnam - Eakachat Joneurairatana, Veerawat Sirivesmas , Faculty of Decorative Arts, Silpakorn University
16:00	16:15	Parametric Wood Architecture	Nguyen Chau , Faculty of Architecture - Civil Engineering, Binh Duong University, Binh Duong City, Vietnam
16:15	16:30	Urban Grading Planning Method For More Resilient Lowlands In Ho Chi Minh City And Mekong Delta	Nen Nguyen Dinh - Thi Sen Tran - Doan Van Anh Truong , University of Architecture Ho Chi Minh City (UAH), Vietnam
16:30	16:45	Water Integrated In Development Of Infrastructure Space For The Expansion Of Urban Area In Ho Chi Minh City	Trang Khong Minh , University of Architecture Ho Chi Minh City, Vietnam
16:45	17:00	Characteristics Of Urban Agricultural Area In Hanoi City	Quyen Luong Tu , Faculty of Urban & Rural Planning, Hanoi Architectural University, Vietnam
15:30	17:00	Construction, Materials, Structures, Digital Technologies	Vu Truong Vu , Nguyen Tat Thanh University, Vietnam
15:30	15:45	A Framework for Sustainability Analysis of Construction Projects to Achieve Net-Zero Emission Goal by 2050	Mohammad Masfiqul Alam Bhuiyan , University of Alberta
15:45	16:00	Adopting Bamboo As Green Building Material – An Overview And Its Status In Vietnam	Song Hong Pham , University of Architecture Ho Chi Minh City, Vietnam
16:00	16:15	Validation Of Vierendeel Mechanism In Shear Tests Of Cold-Formed Steel Channel Sections With Web Holes	Song Hong Pham , University of Architecture Ho Chi Minh City, Vietnam
16:15	16:30	Multi-Objective Optimization Of Truss Using Rao Algorithms	Hoang Anh Pham , Department of Structural Mechanics, Hanoi University of Civil Engineering, Frontier Research Group of Mechanics of Advanced Materials and Structures (MAMS), Hanoi University of Civil Engineering
16:30	16:45	Scattering Of Guided Waves By Interfacial Delamination In Aerospace Composite Laminates	Hoang Ngoc Quy , Institute of Mechanics, Viet Nam Academy of Science and Technology, Faculty of civil Engineering, VNU University of Engineering and Technology - TruongGiang Nguyen , Institute of Mechanics, Viet Nam Academy of Science and Technology - Tran Dinh Phien , Department of Chemistry and Environment, Joint Vietnam – Russia Tropical Science and Technology Research Center - Haidang Phan , Faculty of civil Engineering, VNU University of Engineering and Technology
16:45	17:00	Sorption And Moisture Buffering Capacities Of Hemp Lime Concrete Embedded With Phase Change Materials (PCM) For Buildings	Anh Dung TRAN LE , Laboratory of Technologies Innovative (LTI)

Start	End	Title	Speaker
15:30	17:00	Transportation, Infrastructure, Management, Investment	Dinh Nen Nguyen , University of Architecture Ho Chi Minh City, Vietnam
15:30	15:45	Research Method And Evaluation Results Of The Quality Of Design Documents At 59 Defense Ministry Enterprise Company (59 Company)	NGUYỄN VĂN GIANG , Faculty of Civil Engineering, Ho Chi Minh City University of Technology (HUTECH), Vietnam - NGUYEN DINH CHUC , 59 One Member Company Limited - Ministry of Defence, Vietnam
15:45	16:00	Contribute To Knowledge About Barriers In Implementing Public Private Partnership (Ppp) Projects In Developing Countries: A Case Of Vietnam	Duy Hung Nguyen , University of Transport Ho Chi Minh City, Vietnam
16:00	16:15	Parking Development Policies Towards Sustainable Urban Development In Developing Country, Case Study In Vietnam	Minh Phuc Vo - Huong Le Thi , Vietnamese-German University, Vietnam
16:15	16:30	Transport-Related Health Impacts: A Case Study In Ho Chi Minh City, Vietnam	Huong Le Thi , Vietnamese-German University, Vietnam
16:30	16:45	Freight Transport Challenges In Vietnam'S Southeast Region	Le Thi Minh Huyen , Ha Noi Architectural University - Nguyen Thuy Linh , Technical University of Darmstadt
16:45	17:00	Simulation Of Electric Vehicle Battery System	Xuan Mai PHAM, VANNAMTRAN, LEHOANGPHU PHAM, HungTruyen Luong, HungManh Nguyen
17:00	17:30	Closing Remarks Announcement of prize winners	

You may join online via the above and next Google Meet links

CIGOS2024 Plenary Sessions
<https://meet.google.com/hgn-aqzd-epd>

CIGOS2024 Parallel Sessions Room 1
<https://meet.google.com/ktz-fxki-pvu>

CIGOS2024 Parallel Sessions Room 2
<https://meet.google.com/obv-gsfp-xyz>

CIGOS2024 Parallel Sessions Room 3
<https://meet.google.com/xhp-upbh-pjk>

CIGOS2024 Parallel Sessions Room 4
<https://meet.google.com/sdy-iwek-nwm>

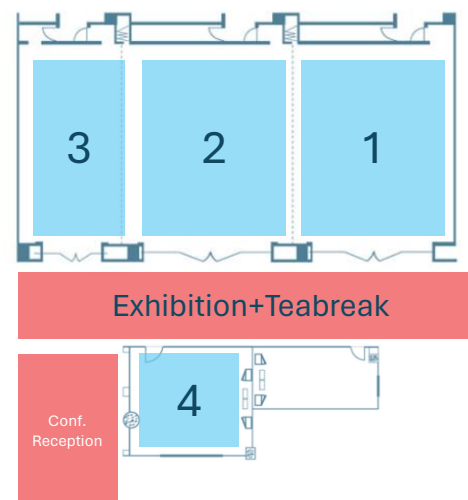
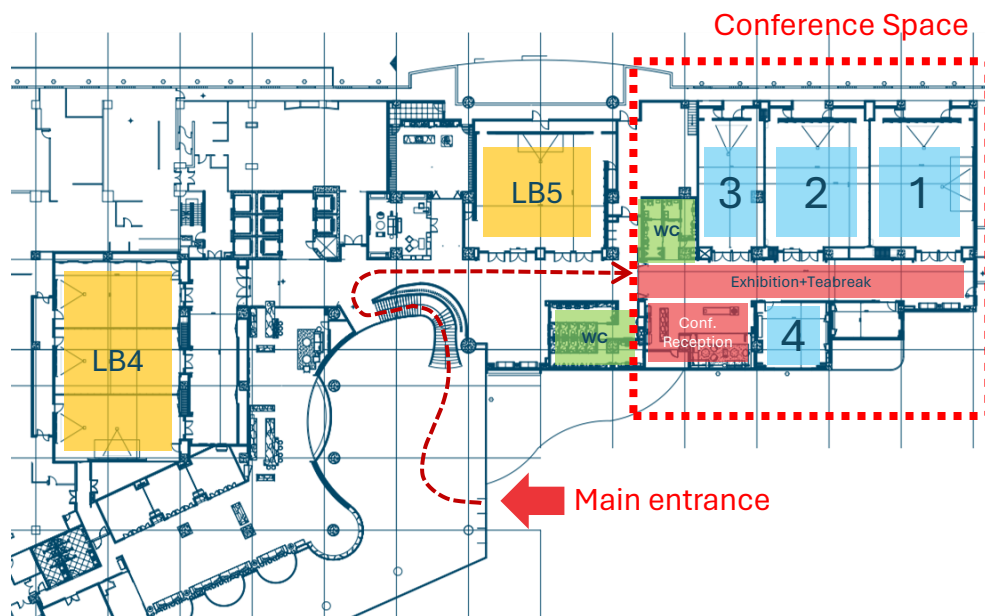
CONFERENCE VENUE

New World Saigon Hotel

75 Le Lai Street,
Ben Thanh Ward, District 1,
Ho Chi Minh City, Vietnam

Address of
New World Saigon Hotel





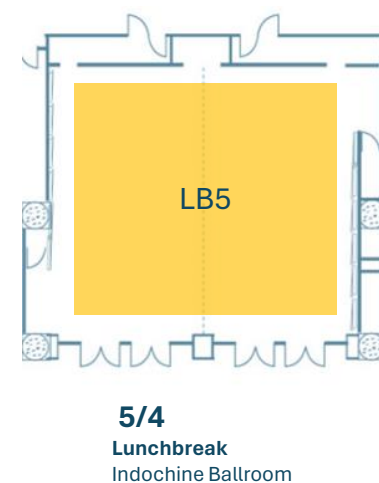
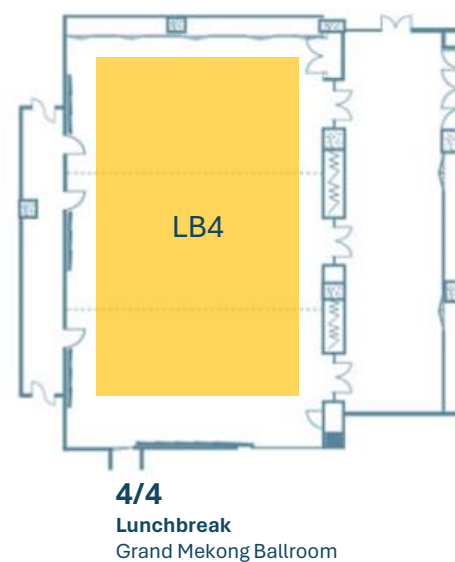
CONFERENCE SPACES

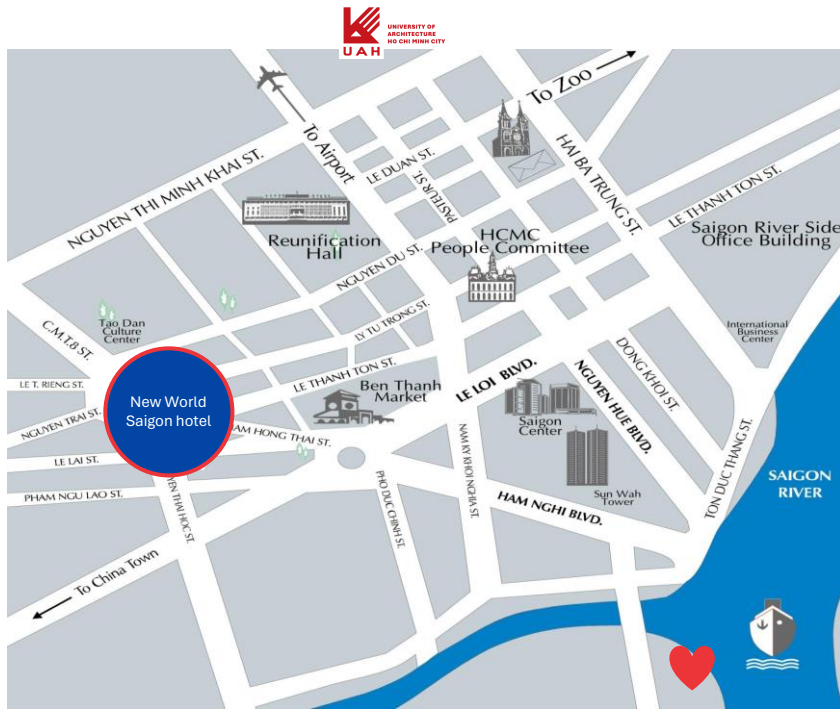
Ben Thanh Grand Ballroom 1 **ROOM 1**
 Ben Thanh Grand Ballroom 2 **ROOM 2**
 Ben Thanh Grand Ballroom 3 **ROOM 3**
 Garden 1 **ROOM 4**

Plenary Session:
Main Hall = ROOM 1+2+3

Parallel Session: ROOM 1,2,3,4
 Room 1: PAID (4,5/4)
 Room 2: CMSDT (4,5/4)
 Room 3: CMSDT (4,5/4), PAID (5/4)
 Room 4: GEE (4/4), TIMI (5/4)

All of the conference sessions will be taken place in the 1F of the New World Saigon Hotel





Gala Dinner Venue

Location

- The Conference Venue (New World 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



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 Duoc Tunnels (Phu My Hung Commune, Cu Chi Dist.) and Ben Dinh Tunnels (Nhuon 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

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 Giồng Cỏ Voi

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]

NEW WORLD
SAIGON HOTEL

Lunch on April 4, 2024

Buffet Menu

Seafood on Ice

Prawn

Hải sản sống trên đá

Tôm sú

Cold selection

Assorted garden greens

Dressings: Caesar, house dressing, Italian

Món lạnh

Hỗn hợp các loại rau

Các loại sốt: Sốt Caesar, sốt nhà làm, sốt kiểu Ý

Papaya salad, marinated beef

Gỏi đu đủ, thịt bò

Green mango salad, prawn

Gỏi xoài tôm

Penne salad, pesto, chicken

Nui trộn thịt gà, sốt pesto

Greek Salad

Xà lách Hy Lạp

Assorted sushi platter

Cold cuts: local cold cuts, mortadella, salami

Selection of baguettes, rye, ciabatta, soft roll

Các loại sushi

Thịt nguội: thịt nguội địa phương, mortadella, salami

Các loại bánh mì Pháp, bánh mì đen, bánh mì trắng, bánh mì mềm

Seafood pizza

Bánh pizza hải sản

Carving

Roasted pork belly

Ba chỉ heo nướng

Fried Spring Rolls

Chả giò chiên

Noodles station

Spicy noodles with beef and pork

Quầy bún, mì

Bún Bò Huế

Soup

Pumpkin & carrot

Súp bí đỏ cà rốt

Hot selection

Món nóng

Wok Fried dragons bean with X.O Sauce

Đậu rồng xào sốt X.O

Yangzhou fried rice

Cơm chiên dương châu

Steamed shrimp dumplings

Há cảo tôm

Seafood au gratin

Hải sản phô mai sốt lò

Indian butter chicken

Cà ri gà Ấn Độ

Grilled Pork Ribs with Chili, lemongrass

Sườn heo nướng sả ớt

Steamed rice

Cơm trắng

Desserts

Tráng miệng

Selection of seasonal cut fruits

Trái cây theo mùa

Maple Parfait with Cashew nut

Bánh vị si-rô lá phong với hạt điều

Ginger "Okayu" Rice pudding

Bánh sữa gạo vị gừng

Lemon roll

Bánh bông lan cuộn hương chanh

Chocolate Eclair

Bánh su kem vị sô-cô-la

Coconut Crepe

Bánh cuộn dừa

NEW WORLD
SAIGON HOTEL

Lunch on April 5, 2024

Buffet Menu

Seafood on Ice

Prawn

Hải sản sống trên đá

Tôm sú

Cold selection

Salad bar

Assorted garden greens

Dressings: Caesar, house dressing, Italian

Món lạnh

Hỗn hợp các loại rau

Các loại sốt: Sốt Caesar, sốt nhà làm, sốt kiểu Ý

Thai seafood salad

Gỏi hải sản kiểu Thái

Vietnamese beef salad

Gỏi bò bóp thấu

Nicoise salad

Xà lách kiểu Pháp

Rocket, Cherry tomato, Bocconcini

Xà lách rocket, cà chua bi, phô mai Bocconcini

Assorted sushi platter

Cold cuts: local cold cuts, mortadella, salami

Selection of baguettes, rye, ciabatta, soft roll

Các loại sushi

Thịt nguội: thịt nguội địa phương, mortadella, salami

Các loại bánh mì Pháp, bánh mì đen, bánh mì trắng, bánh mì mềm

Pizza spinach, gorgonzola, roasted almond, ricotta cheese, sundried tomato

Bánh pizza rau chân vịt, phô mai xanh, hạt hạnh nhân, phô mai tươi, cà chua sấy khô

Noodles station

Vermicelli with chicken

Quầy bún, mì

Miến gà

Carving

BBQ Brisket

Thịt ức nướng BBQ

Fried Wonton (V)

Hoành Thánh Chiên

Soup

Double Boiled Mushroom Soup, Bamboo Piths, Cordyceps Flower

Súp nấm đông trùng

Hot selection

Món nóng

Steamed Broccoli with Egg White Sauce

Bông cải hấp sốt lòng trắng trứng

Fried rice with seafood & salted egg

Cơm chiên hải sản & trứng muối

Wok fried chicken, pepper sauce

Gà sốt tiêu

Pan sear seabass with white wine cream sauce

Cá chẽm áp chảo sốt rượu trắng

Steamed rice rolls with vegetable

Bánh cuốn hấp rau củ

Wok fried pork ribs with chili salt

Sườn heo rang muối

Steamed Rice

Cơm trắng

Desserts

Seasonal fruit

Trái cây theo mùa

Black sesame Mousse (short glass)

Bánh kem sữa vị mè đen

Lemon tart

Bánh vị chanh

Pineapple Cake

Bánh bông lam thơm và táo

Caramel Choux Puff

Bánh su kem sữa caramel

Sweet matcha tofu

Đậu hủ ngọt vị trà xanh

GALA DINNER

A wonderful night on the Saigon River

Indochina Queen Cruise - 5 Nguyen Tat Thanh Road, District 4, Ho Chi Minh City, Vietnam



Address of
Indochina Queen Cruise

As a part of the CIGOS 2024 conference registration package, the registered participants are invited to attend the Gala Dinner at the unique **INDOCHINA QUEEN** floating restaurant on Sai Gon River, from 6:00 P.M to 9:15 P.M on 04/04/2024.

The organization board welcome 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 (4 April).



The participant in the Gala Dinner may register for a transfer bus from New World Saigon Hotel to the venue of the Indochina Queen Cruise at 5 Nguyen Tat Thanh Road, District 4, Ho Chi Minh City, Vietnam. This transfer bus is one-way only.



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**Thank you all for joining us
in the CIGOS-2024**