



Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 6, 2024							
Time	Conference Program						
12.30 PM - 1.00 PM	(Onsite Participants)						
	Registration on the 1st floor, Pullman Khon Kaen Raja Orchid Hotel						
1.00 PM - 2.30 PM	Parallel Sessions for Tutorials and Workshops						
	Room#	Fah Mui 1 & 2	Chat Tan 1	Fah Mui 4 & 5	Erawan 1 & 2	Chat Tan 2	Fah Mui 3
	Activity	Tutorial#1	Tutorial#2	Tutorial#3	Workshop#1	Workshop#2	Presentations
	Topic	Quantum Intelligence: An Introduction to Quantum Computing and Quantum Machine Learning	Generative AI in Data Science and Analysis	An introduction to training and optimizing Large Language Models	Digital Security Engineered for Digital-Age Education	Your city, smarter than ever with City Digital Data Platform	Internet of Things, Wireless Networks and Communications Session chair: Isoon Kansurat, Ph.D.
	Speakers	Prof. Stephen John Turner, Ph.D. Vidyasirimedhi Institute of Science and Technology (VISTEC), Thailand	Thanachart Numnonda, Ph.D. Khon Kaen University, Thailand	Asst. Prof. Jan N. van Rijn, Ph.D. Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands	Mr. Sophon Thanaratikun Fortinet Security Network (Thailand) Ltd.	Mr. Arun Ongartsittigul Bedrock Analytics Co., Ltd.	1571047783
							1571049029
							1571056231
1571056234							
2.30 PM - 2.45 PM	Coffee Break						

** The schedule is subject to change as appropriate.

Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 6, 2024						
Time	Conference Program					
2.45 PM - 4.30 PM	Room#	Fah Mui 1 & 2	Fah Mui 4 & 5	Erawan 1 & 2	Chat Tan 1 & 2	Fah Mui 3
	Activity	Research Collaboration and Networking Session	Tutorial#3 (Continue)	Workshop#1 (Continue)	Workshop#3	
	Topic		An introduction to training and optimizing Large Language Models	Digital Security Engineered for Digital-Age Education	Deepzoom Platform	TBA
	Speakers		Asst. Prof. Jan N. van Rijn, Ph.D. <i>The Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands</i>	Mr. Sophon Thanaratikun <i>Fortinet Security Network (Thailand) Ltd.</i>	Mr. Kasisdis Mahakijdechachai <i>Bedrock Analytics Co., Ltd.</i>	

(continue)



Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 7, 2024		
Time	Conference Program	
08.00 AM - 08.40 AM	Onsite participants register on the 2nd floor, Orchid Ballroom 1, Pullman Khon Kaen Raja Orchid Hotel	Online participants join via Zoom Meeting at https://kku-th.zoom.us/j/98716052324?pwd=DOp42aNi2B1FcLw8GKDkbGfrx4eCYY.1 Meeting ID: 987 1605 2324 Passcode: 800764
08.40 AM - 08.50 AM	Video Presentation	
08.50 AM - 09.40 AM	Opening Ceremony	
09.40 AM - 09.45 AM	Group photo (Onsite and Online)	
09.45 AM - 10.00 AM	Coffee Break	
10.00 AM - 11.00 AM	Keynote "On the Automated Generation of Optimization Heuristics: A Dream or Reality?" Professor Thomas Bäck, Ph.D., IEEE Fellow The Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands	
11.00 AM - 12.00 PM	Keynote "Large Language Models (LLMs) with Retrieval-Augmented Generation for Next Generation Networking" (Virtual presentation) Professor Dusit (Tao) Niyato, Ph.D., IEEE Fellow, IET Fellow School of Computer Science and Engineering (SCSE), Nanyang Technological University, Singapore	
12.00 PM - 01.15 PM	Lunch Break	

** The schedule is subject to change as appropriate.



Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 7, 2024				
Time	Conference Program			
01.15 PM - 2.15 PM	Room#	Chat Tan 2	Fah Mui 1 & 2	Erawan 2
	Activity	Invited Speaker	Invited Speaker	Invited Speaker
	Topic	Real-Time AI-Based Video Analytics: Theory and Applications	Nature-inspired Robot Intelligence: From Nature to Advanced Robotics Technology	Revolutionizing Healthcare with Digital Twins: The Power of Generative AI Integration
	Speakers	Assoc.Prof. Peerapon Vateekul, Ph.D. Chulalongkorn University, Thailand	Professor Poramate Manoonpong, Ph.D. Vidyasirimedhi Institute of Science and Technology (VISTEC), Thailand	Professor Paisarn Muneesawang, Ph.D. Faculty of Engineering, Mahidol University, Thailand
02.15 PM - 2.30 PM	Coffee Break			
02.30 PM - 05.00 PM	Presentations (Parallel Sessions) – See the details on page 7-8			
06.30 PM - 09.00 PM	Reception and Best Paper awards Pullman Khon Kaen Raja Orchid Hotel			

(continue)

** The schedule is subject to change as appropriate.

Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 8, 2024		
Time	Conference Program	
08.00 AM - 08.30 AM	Onsite participants register on the 2nd floor, Orchid Ballroom 1, Pullman Khon Kaen Raja Orchid Hotel	Online participants join via Zoom Meeting at https://kku-th.zoom.us/j/93151691338?pwd=3ykskll5EV5F1nkjbSwfUZrlbaFRKq.1 Meeting ID: 931 5169 1338 Passcode: 818283
08.30 AM - 10.15 AM	AI Forum: Thailand AI Development Plan Forum (2024 – 2030) Computer Science Cooperative Research Network (CSCRN)) Professor Chidchanok Lursinsap, Ph.D and Professor Sartra Wongthanavas, Ph.D.	
10.15 AM - 10.30 AM	Coffee Break	
10.30 AM - 11.30 AM	Keynote "Building the Digital University: Framework for the Future of Learning, Campus, and Research" Mr. Thanapop Juthavantana Technical Director Commercial and Distribution Sales Dept, Huawei Thailand, Thailand	
11.30 AM - 12.30 AM	Keynote "Sustainable AI Computing: A Mathematical Perspective" (Virtual presentation) Professor Gitta Kutyniok, Ph.D., IEEE Fellow The Institute of Mathematics at the Ludwig Maximilian, University of Munich, Germany	
12.30 PM - 01.15 PM	Lunch Break	

** The schedule is subject to change as appropriate.



Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

November 8, 2024				
Time	Conference Program			
01.15 PM - 2.45 PM	Room#		Erawan 2	Fah Mui 1 & 2
	Activity	Presentations (Parallel Sessions)	Invited Speaker	Steering committee meeting
	Topic	See the details on page 7-8	TBA	
	Speakers		Prinya Hom-anek, Ph.D. ACIS Professional Center Co., Ltd., Thailand	
2.45 PM - 3.00 PM	Coffee Break			
1:15 PM - 4.30 PM	City tour (Registration Required)			

** The schedule is subject to change as appropriate.

Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

Presentations (Parallel Sessions) November 7, 2024								
Room#	Fah Mui 1 & 2	Fah Mui 3	Erawan 1	Fah Mui 4	Chat Tan 1	Chat Tan 2	Fah Mui 5	Erawan 2
Topic	Applied AI, Generative AI, and Machine Learning	Big Data, Data Science, and Applications	Natural Language Processing	Computer Educational Technology	Computer Vision and Image Processing	Computer Simulation and Modeling	Geo-informatics and Remote Sensing	Special Session: HPC-ComCon 2024
Session chairs	Asst. Prof. Jan N. van Rijn, Ph.D.	Assoc. Prof. Wararat Songpan, Ph.D	Pongsathorn Janyoi, Ph.D. & Arfat Ahmad Khan, Ph.D.	Assoc. Prof. Kanda Runapongsa Saikaew, Ph.D.	Professor Poramate Manoonpong, Ph.D.	Assoc. Prof. Olarik Surinta, Ph.D.	Professor Masahiko Nagai, Ph.D. & Sakpod Tongleamnak, Ph.D.	Professor Pascal Bouvry, Ph.D.
Time 02.30 PM - 05.00 PM	1571038517	1571048575	1571038788	1571037497	1571055857	1571056256	1571056376	1571054432
	1571054980	1571048275	1571049090	1571056131	1571048928	1571038480	1571051358	1571047854
	1571054576	1571052530	1571039074	1571048580	1571048094	1571054846	1571055588	1571071673
	1571056060	1571049136	1571056048	1571056345	1571038665	1571055924	1571038720	
	1571049092	1571043789	1571048596	1571048315	1571048239	1571054437		
			1571035405					

** The schedule is subject to change as appropriate.

Tentative Schedule
The 28th International Computer Science and Engineering Conference (ICSEC 2024)
November 6 - 8, 2024
at Pullman Khon Kaen Raja Orchid Hotel, Khon Kean, Thailand

Presentations (Parallel Sessions) November 8, 2024					
Room#	Chat Tan 1	Fah Mui 3	Fah Mui 4	Chat Tan 2	Erawan 1
Topic	Special Session: AI in Medical and Healthcare (AIMedHealth 2024)	Applied AI and Machine Learning	Business Intelligence	Cyber Security, Embedded Systems, and Robotics	HCI, Software Engineering, and Software Development
Session chairs	Thepchai Supnithi, Ph.D.	Praisarn Padungweang, Ph.D.	Jakkrit Kaewyotha, Ph.D.,	Professor Deepak Prashar, Ph.D. (Online) & Assoc. Prof. Punyaphol Horata	Assoc. Prof. Kanda Runapongsa Saikaew, Ph.D.
Time 01.15 PM - 2.45 PM	1571051917	1571056139	1571051617	1571048687	1571048826
	1571055893	1571056241	1571049112	1571038341	1571056052
	1571055925	1571055829	1571046180	1571056251	1571056055
	1571049305	1571049093	1571056252	1571049216	1571056056
				1571048652	

หมายเหตุ:

	Onsite
--	--------

	Online
--	--------

** The schedule is subject to change as appropriate.