



**Tentative Schedule**  
**The 28<sup>th</sup> 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#	Fahmui 1 & 2	Fahmui 4 & 5	Erawan 1 & 2	Chat Tan 1 & 2	Fah Mui 3
	Activity	Tutorial#1	Tutorial#3	Workshop#1	Workshop#2	Presentations
	Topic	<b>Quantum Intelligence: An Introduction to Quantum Computing and Quantum Machine Learning</b>	<b>An introduction to training and optimizing Large Language Models</b>	<b>Digital Security Engineered for Digital- Age Education</b>	<b>Your city, smarter than ever with City Digital Data Platform</b>	<b>Internet of Things, Wireless Networks and Communications</b> <i>Session chair: Isoon Kansurat, Ph.D.</i>
	Speakers	<a href="#">Prof. Stephen John Turner, Ph.D.</a> <i>Vidyasirimedhi Institute of Science and Technology (VISTEC), Thailand</i>	<a href="#">Asst. Prof. Jan N. van Rijn, Ph.D.</a> <i>Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands</i>	<a href="#">Mr. Sophon Thanaratikun</a> <i>Fortinet Security Network (Thailand) Ltd.</i>	<a href="#">Mr. Arun Ongartsittigul</a> <i>Bedrock Analytics Co., Ltd.</i>	1571047783
						1571049029
						1571056231
						1571056234

\*\* The schedule is subject to change as appropriate.



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2.30 PM - 2.45 PM	Coffee Break					
Time	Conference Program					
2.45 PM - 4.30 PM	Room#	Fahmui 1 & 2	Fahmui 4 & 5	Erawan 1 & 2	Chat Tan 1 & 2	Fah Mui 3
	Activity	Tutorial#2	Tutorial#3 (Continue)	Workshop#1 (Continue)	Workshop#3	
	Topic	<b>Generative AI in Data Science and Analysis</b>	<b>An introduction to training and optimizing Large Language Models</b>	Topic "Digital Security Engineered for Digital-Age Education" by FORTINET SECURITY NETWORK (THAILAND) LTD	Topic "Deepzoom Platform"	Research Collaboration and Networking Session
	Speakers	Thanachart Numnonda, Ph.D. IMC Institute, Thailand	Asst. Prof. Jan N. van Rijn, Ph.D. The Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands	Mr. Sophon Thanaratikun Fortinet Security Network (Thailand) Ltd.	Mr. Kasisdis Mahakijdechachai Bedrock Analytics Co., Ltd.	

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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 <a href="https://kku-th.zoom.us/j/98716052324?pwd=DOp42aNi2B1FcLw8GKDkbGfrx4eCYY.1">https://kku-th.zoom.us/j/98716052324?pwd=DOp42aNi2B1FcLw8GKDkbGfrx4eCYY.1</a> 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	<b>Keynote</b> <b>"On the Automated Generation of Optimization Heuristics: A Dream or Reality?"</b>  <b>Professor Thomas Bäck, Ph.D., IEEE Fellow</b> The Leiden Institute of Advanced Computer Science (LIACS), Leiden University, The Netherlands	
11.00 AM - 12.00 AM	<b>Keynote</b> <b>"Large Language Models (LLMs) with Retrieval-Augmented Generation for Next Generation Networking"</b> (Virtual presentation)  <b>Professor Dusit (Tao) Niyato, Ph.D., IEEE Fellow, IET Fellow</b> School of Computer Science and Engineering (SCSE), Nanyang Technological University, Singapore	

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

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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 <a href="https://kku-th.zoom.us/j/93151691338?pwd=3ykskII5EV5F1nkjbSwfUZrlbaFRKq.1">https://kku-th.zoom.us/j/93151691338?pwd=3ykskII5EV5F1nkjbSwfUZrlbaFRKq.1</a> Meeting ID: 931 5169 1338 Passcode: 818283
08.30 AM - 10.15 AM	<b>AI Forum: Thailand AI Development Plan Forum (2024 – 2030)</b> Computer Science Cooperative Research Network (CSCRN))	
10.15 AM - 10.30 AM	Coffee Break	
10.30 AM - 11.30 AM	<b>Keynote</b> <b>"Building the Digital University: Framework for the Future of Learning, Campus, and Research"</b>  <b>Prayuth Tungsangob, Ph.D.</b> Chief Technology Officer of the Enterprise Business Group for Thailand, Huawei Thailand, Thailand	
11.30 AM - 12.30 AM	<b>Keynote</b> <b>"Sustainable AI Computing: A Mathematical Perspective"</b> (Virtual presentation)  <b>Professor Gitta Kutyniok, Ph.D., IEEE Fellow</b> The Institute of Mathematics at the Ludwig Maximilian, University of Munich, Germany	
12.30 PM - 01.15 PM	Lunch Break	

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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-aneek, 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)			

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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					

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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.	Praisan 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	

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