|  |  |
| --- | --- |
| **November 6, 2024** | |
| **Time** | **Conference Program** |
| 12.30 PM - 01.00 PM | Registration (Onsite Participants) at Pullman Khon Kaen Raja Orchid Hotel |
| 01.00 PM - 02.30 PM | Parallel Sessions for Tutorials and Workshops |
| Tutorial Session 1 "Quantum Intelligence: An Introduction to Quantum Computing and Quantum Machine Learning" by Prof. Dr. Stephen John Turner |
| Tutorial Session 2 "An introduction to training and optimizing Large Language Models" by Asst. Prof. Dr. Jan N. van Rijn |
| Workshop 1 "Digital Security Engineered for Digital-Age Education" by FORTINET SECURITY NETWORK (THAILAND) LTD |
| Workshop 1 "Your city, smarter than ever with City Digital Data Platform" by Bedrock Anakytics CO., LTD. |
| 02.30 PM - 02.45 PM | Coffee Break |
| 02.45 PM - 04.30 PM | Parallel Sessions for Tutorials and Workshops |
| Tutorial Session 3 "Generative AI in Data Science and Analysis" by Dr. Thanachart Numnonda |
| Tutorial Session 2 "An introduction to training and optimizing Large Language Models" by Asst. Prof. Dr. Jan N. van Rijn (continue) |
| Workshop 1 "Digital Security Engineered for Digital-Age Education" by FORTINET SECURITY NETWORK (THAILAND) LTD (continue) |
| Workshop 2 "Deepzoom Platform" by Bedrock Anakytics CO., LTD. (continue) |
| Research Collaboration Networking |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **November 7, 2024** | | | | | | | | | | |
| **Time** | **Conference Program** | | | | | | | | | |
| 08.00 AM - 08.40 AM | Registration (Onsite Participants) at Pullman Khon Kaen Raja Orchid Hotel | | | | | | | | | |
| 08.40 AM - 08.50 AM | Video Presentation | | | | | | | | | |
| 08.50 AM - 09.45 AM | Opening Ceremony at Main Conference Hall, Pullman Khon Kaen Raja Orchid Hotel | | | | | | | | | |
| 09.45 AM - 10.00 AM | Coffee Break | | | | | | | | | |
| 10.00 AM - 11.00 AM | Prof.Dr.Thomas Back - "On the Automated Generation of Optimization Heuristics: A Dream or Reality?" | | | | | | | | | |
| 11.00 AM - 12.00 PM | Prof.Dr Dusit Niyato - "Large Language Models (LLMs) with Retrieval-Augmented Generation for Next Generation Networking" (Virtual) | | | | | | | | | |
| 12.00 PM - 01.15 PM | Lunch Break | | | | | | | | | |
| 01.15 PM - 02.30 PM | Room#1 | | | Room#2 | | | | Room#3 | | |
| "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" | | |
| Prof. Dr. Peerapon Vateekul, Chulalongkorn University, Thailand | | | Prof. Dr. Poramate Manoonpong, VISTEC, Thailand | | | | Prof.Dr. Paisarn Muneesawang, Computer Engineering, Mahidol University | | |
| **Presentations (Parallel Sessions)** | | | | | | | | | | |
|  | Room#1 | Room#2 | Room#3 | | Room#4 | Room#5 | Room#6 | | Room#7 | Room#8 |
| Topics | 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, Data Lakes, and Computing Continuum (HPC-ComCon 2024) |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **November 7, 2024** | | | | | | | | |
| **Time** | **Conference Program** | | | | | | | |
| **Presentations (Parallel Sessions)** | | | | | | | | |
|  | Room#1 | Room#2 | Room#3 | Room#4 | Room#5 | Room#6 | Room#7 | Room#8 |
| Session Chair | Asst. Prof. Dr. Jan N. van Rijn | Assoc. Prof. Wararat Songpan | Dr.Pongsathorn Janyoi and Dr. Arfat Ahmad Khan | Assoc. Prof. Dr. Kanda Runapongsa Saikaew | Prof. Dr. Poramate Manoonpong | Assoc.Prof. Dr. Olarik Surinta | Prof.Masahiko Nagai and Dr. Sakpod Tongleamnak | Prof. Pascal Bouvry |
| 02.30 PM - 05.00 PM | 1571038517 | 1571048575 | 1571038788 | 1571037497 | 1571055857 | 1571056256 | 1571056376 | 1571054432 |
| 1571054980 | 1571048275 | 1571049090 | 1571048580 | 1571048928 | 1571038480 | 1571051358 | 1571047854 |
| 1571054576 | 1571052530 | 1571039074 | 1571056345 | 1571038665 | 1571054846 | 1571055588 | 1571071673 |
| 1571056060 | 1571049136 | 1571056048 |  | 1571048239 | 1571055924 |  |  |
| 1571049092 | 1571043789 | 1571048596 |  | 1571048094 | 1571054437 |  |  |
|  |  | 1571035405 |  |  |  |  |  |
| 06.30 PM - 09.00 PM | Reception and Best paper awards | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **November 8, 2024** | | | | | | | | |
| Time | Conference Program | | | | | | | |
| 08.00 AM - 08.30 AM | Registration (Onsite Participants) at Pullman Khon Kaen Raja Orchid Hotel | | | | | | | |
| 08.30 AM - 10.15 AM | AI Forum | | | | | | | |
| 10.15 AM - 10.30 AM | Coffee Break | | | | | | | |
| 10.30 AM - 11.30 AM | Mr. Prayuth TungsaNgob - "Building the Digital University: Framework for the Future of Learning, Campus, and Research " | | | | | | | |
| 11.30 AM - 12.30 PM | Prof. Dr. Gitta Kutyniok - "Sustainable AI Computing: A Mathematical Perspective" (Virtual) | | | | | | | |
| 12.30 PM - 01.15 PM | Lunch Break | | | | | | | |
| **Presentations (Parallel Sessions)** | | | | | | | | |
|  | Room#1 | Room#2 | Room#3 | Room#4 | Room#5 | Room#6 | Room#7 | Room#8 |
| Topics | Special Session: AI in Medical and Healthcare (AIMedHealth 2024) | Applied AI and Machine Learning | Business Intelligence | Cyber Security, Embedded Systems, and Robotics | Internet of Things, Wireless Networks and Communications | HCI, Software Engineering, and Software Development | Dr. Prinya Hom-anek (1.30 - 2.30) - TBA - | Steering committee meeting |
| Session Chair | Dr. Thepchai Supnithi (NECTEC) | Assoc.Prof. Suphakant Phimoltares and Dr. Praisan Padungweang | Assoc. Prof. Punyaphol Horata and Dr. Jakkrit Kaewyotha | Prof. Deepak Prashar | Dr. Isoon Kansurat | Assoc. Prof. Dr. Kanda Runapongsa Saikaew |
| 01.15 PM - 02.45 PM | 1571051917 | 1571056139 | 1571051617 | 1571048687 | 1571038720 | 1571048826 |
| 1571055893 | 1571056241 | 1571049112 | 1571038341 | 1571047783 | 1571056052 |
| 1571055925 | 1571055829 | 1571046180 | 1571056251 | 1571049029 | 1571056055 |
|  | 1571049093 | 1571056252 | 1571049216 | 1571056231 | 1571056056 |
|  |  |  | 1571048652 | 1571056234 |  |
| 02.45 PM - 03.00 PM | Coffee Break | | | | | | | |
| 01:15 PM - 04.30 PM | City Tour | | | | | | | |
| 04.40 PM | Conference Closed | | | | | | | |