

## Program Schedule

Thursday 14 <sup>th</sup> May 2026	
08:00 - 09:00	Registration
09:00 - 09:15	Report by <b>Assistant Professor Dr. Dr.-Ing. Sunantha Sodsee</b> , <i>Dean, Faculty of Information Technology and Digital Innovation King Mongkut's University of Technology North Bangkok</i>
09:15 - 09:30	Opening Ceremony by <b>Professor Dr. Thanin Silpcharu</b> , <i>President of King Mongkut's University of Technology North Bangkok</i>
09:30 - 09:45	<i>Group Photo</i>
09:45 - 10:45	Invited Keynote Speech by <b>Prof. Dr. Gary G. Yen</b> , <ul style="list-style-type: none"><li>• Chair Professor, Sichuan University, CHINA Regents Professor, Oklahoma State University, USA</li></ul>
10:45 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Invited Keynote Speech by <b>Dr. Soontorn Sirapisan</b> , <ul style="list-style-type: none"><li>• Acting Head of the Research and Research Collaboration Section</li></ul>
12:00 - 13:00	<i>Lunch</i>
13:00 - 15:00	<b>Paper Presentation</b>
15:00 - 15:20	<i>Coffee break</i>
15:20 - 17:00	<b>Paper Presentation</b>

Thursday 14<sup>th</sup> May 2026

ROOM: I

13:00 - 13:20 NCCIT2026-088	<b>Developing a Maturity Model for GRC in Hybrid Cloud Environments: A Case Study of Global Cookware in the APAC Region</b> <i>Natthanun Wicheanrat and Sunantha Sodsee</i>
13:20 - 13:40 NCCIT2026-023	<b>An Assessment Model of Cyber Resilience Readiness and Recovery Capability</b> <i>Kiattisak Luithong and Nalinpat Bhumpenpein</i>
13:40 - 14:00 NCCIT2026-056	<b>Content-Aware and Adaptive Lightweight Protection for UAV Video Streaming</b> <i>Thitiworada Thabtimsai, Silaporn Chuntha and Chakchai So-In</i>
14:00 - 14:20 NCCIT2026-091	<b>Application of Microsoft Power Apps Platform for Managing and Transferring Technical Consultants' Knowledge to Sales Teams: A Case Study of a Telecommunication Company in the Lower Northern Region</b> <i>Anthika Wattanakulwiwat and Sunantha Sodsee</i>
14:20 - 14:40 NCCIT2026-090	<b>Performance Comparison of Web Application Vulnerability Scanning Tools and Patch Validation Processes</b> <i>Natthida Looksua and Sunantha Sodsee</i>
14:40 - 15:00	<i>Break</i>
15:00 - 15:20 NCCIT2026-053	<b>Home-based Elderly Health Monitoring System Using IoT with Caregiver Alert Application</b> <i>Panatsaya Thongdee and Tanapon Jentsuttiwetchakul</i>
15:20 - 15:40 NCCIT2026-092	<b>Automated System for Analyzing Players' Problem-Solving Skills and Providing Feedback for CTF Competitions</b> <i>Thanagrit Wutthiamornthada and Nawaporn Wisitpongphan</i>
15:40 - 16:00 NCCIT2026-072	<b>Factors Determining the Intention to Use AI-Microlearning Platforms in Thai Technology Enterprises</b> <i>Mayurakran Chinnawong and Nattavee Utakrit</i>
16:00 - 16:20 NCCIT2026-015	<b>A Comparative Analysis of the Effectiveness of Single-Keyword and Multi-Keyword SEO Strategies for Walailak University Website</b> <i>Wachirasak Pokakorn</i>
	<i>End Session</i>

Thursday 14<sup>th</sup> May 2026

ROOM: II

13:00 - 13:20 NCCIT2026-029	<b>Factors Influencing the Success of Requirements Elicitation for Software Development</b> <i>Sutthikarn Julsuwan and Nalinpat Bhumpenpein</i>
13:20 - 13:40 NCCIT2026-063	<b>Automated Product Recommendation System on LINE Official Account Using Association Rule Mining: A Case of Sky Bakery and Coffee</b> <i>Poramets Phetman and Tanapon Jensuttiwetchakul</i>
13:40 - 14:00 NCCIT2026-068	<b>Consumer Segmentation Using Data Mining: A Case Study of Information Systems for Green Products</b> <i>Phatranit Vasuangsunit and Montean Rattanasiriwongwut</i>
14:00 - 14:20 NCCIT2026-073	<b>Classification of Social Media User Opinions on Artificial Intelligence (AI) Using Text Mining Techniques</b> <i>Thanatmeth Wuttisathittham and Sakchai Tangwanawit</i>
14:20 - 14:40 NCCIT2026-037	<b>An Analysis of Factors Affecting the Perception of Cybersecurity Standards in Hospitals</b> <i>Pongsri Prasomboon and Sakchai Tangwanawit</i>
14:40 - 15:00	<i>Break</i>
15:00 - 15:20 NCCIT2026-038	<b>Forecasting Resource SAP System Utilization Using Data Mining</b> <i>Chalermkiet Tongwilai and Montean Rattanasiriwongwut</i>
15:20 - 15:40 NCCIT2026-013	<b>Group-based Causality from IT-User Comments</b> <i>Ratchada Pleanthong, Chaveevan Pechsiri and Adisorn Na Ubon</i>
15:40 - 16:00 NCCIT2026-035	<b>Guidelines for Promoting Artificial Intelligence Adoption in Vocational Education Teaching Practices</b> <i>Ratchanat Huansin and Nalinpat Bhumpenpein</i>
16:00 - 16:20 NCCIT2026-061	<b>Text Mining-Based Detection of Prohibited Goods from Social Media to Support Customs Authorities</b> <i>Natcharee Ariyanithitawesuk and Tanapon Jensuttiwetchakul</i>
16:20 - 16:40 NCCIT2026-028	<b>Guidelines for Developing Artificial Intelligence Skills among Vocational Education Students</b> <i>Rewadee Aminram and Nalinpat Bhumpenpein</i>
16:40 - 17:00 NCCIT2026-036	<b>A Data Literacy Assessment Model</b> <i>Komjak Kamsiang and Nalinpat Bhumpenpein</i>
	<i>End Session</i>

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ROOM: III

13:00 - 13:20 NCCIT2026-057	<b>Three-Class GPS Spoofing Detection for UAVs Using an Attention-based CNN-LSTM</b> <i>Sirikarn Netpookgana, Naravit Conjaiboon and Chakchai So-In</i>
13:20 - 13:40 NCCIT2026-086	<b>Applying NLP for Clustering and Visualizing Cyber Threat Intelligence from X (Twitter)</b> <i>Nippich Yimporntana and Sunantha Sodsee</i>
13:40 - 14:00 NCCIT2026-058	<b>Risk-Triggered Hybrid Detection for DCL-based Android Malware</b> <i>Chatphol Nawjampa, Korawit Sutthi-at and Chakchai So-In</i>
14:00 - 14:20 NCCIT2026-089	<b>Applying NIST AI RMF and NCSA AI Security Guidelines to Manage Generative AI Risks in Organizations</b> <i>Phattapol Yamwankaew and Nawaporn Wisitpongphan</i>
14:20 - 14:40 NCCIT2026-059	<b>A Two-Phase Reactive Cyber Range Framework with Moving Target Defense and Automated Deception on Lightweight Containers</b> <i>Anawin Uthaisang, Nansaphat Termsub and Chakchai So-In</i>
14:40 - 15:00	<i>Break</i>
15:00 - 15:20 NCCIT2026-060	<b>Class-Incremental RAP Detection Using Deep Learning and Exemplar Replay on CSI Signals</b> <i>Phutthicha Rattana, Rachata Nanta and Chakchai So-In</i>
15:20 - 15:40 NCCIT2026-019	<b>Benchmarking Modern CNN Architectures for Thai License Plate Character and Province Recognition Using YOLOv8n-Based Detection</b> <i>Nattapon Boondang and Amnach Khawne</i>
15:40 - 16:00 NCCIT2026-008	<b>A Data-Driven Decision-Making Framework for Optimizing Solar Panel Cleaning in Island-Based PV Systems</b> <i>Krairawee Nosri and Supakpong Jinarat</i>
16:00 - 16:20 NCCIT2026-055	<b>A Gray-Box Robustness Evaluation Framework for Hybrid IoT Intrusion Detection Systems Using a Global Search Genetic Algorithm</b> <i>Kanoknipha Panset, Napatwan Chaiban and Chakchai So-In</i>
16:20 - 16:40 NCCIT2026-031	<b>A Framework for Converting Land Title Deed Images into Vector Data Using YOLOv11, Thai OCR, and Area-Preserving Adjustment</b> <i>Worawat Soiphet and Supakpong Jinarat</i>
16:40 - 17:00 NCCIT2026-034	<b>A Weighted Cybersecurity Competency Assessment Framework</b> <i>Chaiyut Mattraai and Nalinpat Bhumpenpein</i>
	<i>End Session</i>

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ROOM: IV

13:00 - 13:20 NCCIT2026-010	<b>Author-based Diversification in Book Recommender Systems Using Intra-List Similarity Reduction Techniques</b> <i>Laksamee Noneluecha and Supakpong Jinarat</i>
13:20 - 13:40 NCCIT2026-017	<b>The Decision Assistant System for Student Admission in Computer Science Curriculum, Rajamangala University of Technology Thanyaburi</b> <i>Weena Janratchakool, Uraiwan Inyaem, Chayanon Premvijitr and Aimpthagar Luangphusab</i>
13:40 - 14:00 NCCIT2026-087	<b>Development of a Real-time Anomaly Detection and Visualization System for Hospital Information Systems</b> <i>Benchapol Thongchua and Nawaporn Wisitpongphan</i>
14:00 - 14:20 NCCIT2026-009	<b>Mining Popular Food Association Rules from Positive Customer Reviews</b> <i>Ekasis Girachaipitack, Chaveevan Pechsiri and Adisorn Na Ubon</i>
14:20 - 14:40 NCCIT2026-011	<b>Aspect-Based Opinion Mining of User Reviews in Online Businesses</b> <i>Bunyawat Pattanasakkomjon, Chaveevan Pechsiri and Adisorn Na Ubon</i>
14:40 - 15:00	<i>Break</i>
15:00 - 15:20 NCCIT2026-025	<b>A Comparative Study of Quantum-inspired and Classical Machine Learning for Customer Return Prediction in Nighttime Restaurants</b> <i>Tanyavat Kaewpradit and Waraporn Viyanon</i>
15:20 - 15:40 NCCIT2026-014	<b>Performance Comparison of Machine Learning Models for Inventory Replenishment and Supply Chain Decision-Making</b> <i>Nataporn Koopipat and Supakpong Jinarat</i>
15:40 - 16:00 NCCIT2026-027	<b>A Machine Learning-Based Approach for the Development of Job Recommendation System</b> <i>Uraiwan Inyaem, Weena Janratchakool, Benjawan Surapol and Tewarach Rakngam</i>
16:00 - 16:20 NCCIT2026-022	<b>E-Mail Objective Classification using Machine Learning</b> <i>Theerachai Kasemphongjarat and Maleerat Maliyaem</i>
16:20 - 16:40 NCCIT2026-030	<b>Performance Comparison of Traditional and EMA-Based Dynamic DCA in Cryptocurrencies</b> <i>Pipat Thongjapo and Supakpong Jinarat</i>
	<i>End Session</i>

Thursday 14<sup>th</sup> May 2026

ROOM: V

13:00 - 13:20 NCCIT2026-032	<b>Development of a Cultural Data Analytics Dashboard for Policy Support</b> <i>Chanakit Mitsongkore, Warong Naivinit, Sutat Gammanee and Sureewan Jangjit</i>
13:20 - 13:40 NCCIT2026-026	<b>Development of an Intelligent Knowledge Retrieval System for Government Organizations Using Hybrid Semantic Search Techniques</b> <i>Kamonlak Pinyakong and Supakpong Jinarat</i>
13:40 - 14:00 NCCIT2026-083	<b>Developing a Promotion Recommendation System for B2B Wholesale Retail through the Integration of Data Mining, Deep Learning, and Contextual Bandit Algorithms</b> <i>Teeradaj Kanching and Phayung Meesad</i>
14:00 - 14:20 NCCIT2026-093	<b>Development of a Chatbot to Promote Cybersecurity Awareness</b> <i>Wilaiwan Phanthura and Nawaporn Wisitpongphan</i>
14:20 - 14:40 NCCIT2026-052	<b>Development of a Faith-Based Tourism Recommendation System in Nakhon Pathom Province</b> <i>Witthawat Chankimha, Adisak Yongpanya, Wannachai Chouegthong, Supakit Nakpomchin and Suphitcha Chanrueang</i>
14:40 - 15:00	<i>Break</i>
15:00 - 15:20 NCCIT2026-012	<b>Inventory Management System Using RFID and Cloud Technology</b> <i>Apichart Kanseenuan and Suphakit Awiphan</i>
15:20 - 15:40 NCCIT2026-043	<b>Factors Influencing Consumer Acceptance and Decision to Use Chatbot Systems</b> <i>Anan Malichai and Montean Rattanasiriwongwut</i>
15:40 - 16:00 NCCIT2026-039	<b>Smart Retail Space Management System</b> <i>Burasakorn Yoosooka, Suvil Chomchaiya, Uraiwan Inyaem, Phumsit Nanram, Bavornthat Dangtang and Nitipat Sritharachiyanont</i>
16:00 - 16:20 NCCIT2026-085	<b>Human Resource Analysis and Management System: A Case Study of Saint Louis College</b> <i>Tadchanon Polngam and Pudsadee Boonrawd</i>
	<i>End Session</i>

## Program Schedule

Friday 15 <sup>th</sup> May 2026	
09:00 - 10:20	<b>Paper Presentation</b>
10:20 - 10:40	<i>Break</i>
10:40 - 12:00	<b>Paper Presentation</b>

Friday 15<sup>th</sup> May 2026

ROOM: I

09:00 - 09:20 NCCIT2026-047	<b>An Analysis of Factors Influencing Consumers' Impulse Buying Behavior Through Live Streaming</b> <i>Phakamon Malee and Tanapon Jentsuttiwetchakul</i>
09:20 - 09:40 NCCIT2026-044	<b>Factors Affecting Behavioral Intention to use Self-Service System via QR Code</b> <i>Nopsapoj Srisuwan and Sakchai Tangwanawit</i>
09:40 - 10:00 NCCIT2026-069	<b>Factors Influencing Consumers' Behavioral Intention to Use Self-Drive Car Rental Services via Social Media in Thailand</b> <i>Pacharin Sirirak and Sakchai Tangwannawit</i>
10:00 - 10:20 NCCIT2026-070	<b>Factors Influencing the Acceptance of Virtual Reality Technology in Architectural</b> <i>Nattakan Tamcharoen and Montean Rattanasiriwongwut</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2026-050	<b>Factors Influencing the Acceptance of Self-Checkout Systems in Modern Retail Stores: A Study of Supercenters and Supermarkets</b> <i>Anothai Arunthong and Tanapon Jentsuttiwetchakul</i>
11:00 - 11:20 NCCIT2026-066	<b>An Analysis of Factors Influencing the Use of AI in Chinese Language Learning</b> <i>Prawit Ekweerapatarasakun and Montean Rattanasiriwongwut</i>
11:20 - 11:40 NCCIT2026-065	<b>Analyzing the Acceptance of Telemedicine Using Data Mining with Business Intelligence System</b> <i>Jittakron Saetung and Montean Rattanasiriwongwut</i>
11:40 - 12:00 NCCIT2026-067	<b>Factors Influencing the Acceptance of Food-Serving Robots in Restaurants</b> <i>Rajabhat Raksujarit and Sakchai Tangwanawit</i>
	<i>End Session</i>

Friday 15<sup>th</sup> May 2026

ROOM: II

09:00 - 09:20 NCCIT2026-051	<b>Development of a Decision Support System for Rehabilitation Planning of Drug Offenders</b> <i>Supakorn Srithongjun and Nattavee Utakrit</i>
09:20 - 09:40 NCCIT2026-076	<b>Development of Agentic AI Models for Organizational Carbon Footprint Assessment and Governance</b> <i>Sojirat Songpradit and Mahasak Ketcham</i>
09:40 - 10:00 NCCIT2026-077	<b>Classification of Software Development Task Complexity Levels from Requirement Documents Using Natural Language Processing and Generative AI</b> <i>Wittayadet Jaikwang and Phayung Meesad</i>
10:00 - 10:20 NCCIT2026-078	<b>Development of an Activity Attendance Management System for the Digital Business Technology Club, Chainat Technical College</b> <i>Wilasinee Chutiwat and Nattavee Utakrit</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2026-045	<b>Classification of User Opinions on Healthy Meal Delivery Services on Online Platforms Using Deep Learning Techniques</b> <i>Suda Phuchamnong and Watchareewan Jitsakul</i>
11:00 - 11:20 NCCIT2026-064	<b>Forecasting Welfare Demand Using Data Mining Techniques</b> <i>Manu Boonpleum and Watchareewan Jitsakul</i>
11:20 - 11:40 NCCIT2026-081	<b>An Analysis of the factors that influence the use of the Cyber Security Management System of the Royal Thai Army Headquarters</b> <i>Worawoot Samanpong and Montean Rattanasiriwongwut</i>
	<i>End Session</i>

Friday 15<sup>th</sup> May 2026

ROOM: III

09:00 - 09:20 NCCIT2026-024	<b>A Comparative Study of Machine Learning Models for Predicting the Cost-Effectiveness of Carbon Credits from Tree Plantation Investment in Community Enterprises, Khon Kaen Province</b> <i>Papatsara Siharach and Nalinpat Bhumpenpein</i>
09:20 - 09:40 NCCIT2026-041	<b>Consumer Intent Analysis in the Beverage Industry on Social Media Platforms Using Deep Learning Techniques</b> <i>Keerati Jantorn and Watchareewan Jitsakul</i>
09:40 - 10:00 NCCIT2026-079	<b>Sentiment Analysis of Banking Applications Users on Social Media Using Large Language Models</b> <i>Sitawee Sirithitiwithaya and Pudsadee Boonrawd</i>
10:00 - 10:20 NCCIT2026-080	<b>Development of a Machine Learning-Based Log File Classification System for Problem Analysis and Escalation Support in a Game Publisher Organization</b> <i>Pongpeera Chaipongpatsorn and Nattavee Utakrit</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2026-082	<b>Development of a Forecasting and Decision-Making Framework for Inventory Replenishment Using Sales and Inventory Data with Data Mining Techniques and Reinforcement Learning</b> <i>Teeratuch Kongyuenyongwanit and Phayung Meesad</i>
11:00 - 11:20 NCCIT2026-020	<b>A Comparison of Machine Learning Models for Predicting False Breakouts in Stock Markets Using Technical Indicators</b> <i>Apirat Jirangkananich and Nalinpat Bhumpenpein</i>
11:20 - 11:40 NCCIT2026-062	<b>Forecasting Thailand's Durian Exports Using Deep Learning Techniques</b> <i>Chonnika Phuthong and Watchareewan Jitsakul</i>
11:40 - 12:00 NCCIT2026-071	<b>Forecasting Model for the Number of Patients Cancer in the Public Hospital Base by Time Series Technical</b> <i>Run Kanchano and Nattavee Utakrit</i>
	<i>End Session</i>

Friday 15<sup>th</sup> May 2026

ROOM: IV

09:00 - 09:20 NCCIT2026-042	<b>Intelligent Fish Behavior Detection System Using Image Processing</b> <i>Monthicha Jimthaisong and Mahasak Ketcham</i>
09:20 - 09:40 NCCIT2026-021	<b>A Machine Learning Model for Predicting Royal Pharmacopoeia Drug Orders in GPO Pharmacy</b> <i>Sabsin Dilokwechpanich and Nalinpat Bhumpenpein</i>
09:40 - 10:00 NCCIT2026-084	<b>Machine Learning-based Recommendation for Legal Opinion and Order Drafting Formats</b> <i>Kritsanaphong Kimsue and Nattavee Utakrit</i>
10:00 - 10:20 NCCIT2026-075	<b>Development of an Assessment Tool for Personal Data Security Management in Organizations According to ISO/IEC 27701 Standard and Thailand's Personal Data Protection Act (PDPA)</b> <i>Nithi Sakunphanish and Nattavee Utakrit</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2026-048	<b>Predicting Academic Achievement of Vocational Certificate Using The Big Five Personality Factors and Core Subject Grades in Lower Secondary School</b> <i>Uraiwat Meesang and Tanapon Jensuttiwetchakul</i>
11:00 - 11:20 NCCIT2026-074	<b>In-Depth Comparative Analysis of Household Savings Inequality in Thailand by Region and Income Group: A Power BI-Based Study Using NSO Data</b> <i>Apinya Thongkum and Nattavee Utakrit</i>
11:20 - 11:40 NCCIT2026-054	<b>Forecasting Sales of Fabric Care Products Through the E-Commerce Channel</b> <i>Nattaporn Kongsakunkrai and Sakchai Tangwannawit</i>
11:40 - 12:00 NCCIT2026-049	<b>Factors Influencing Continued Use of Generative AI</b> <i>Metta Naktam and Tanapon Jensuttiwetchakul</i>
	<i>End Session</i>