



SNOMED CT EXPO 2024

OCTOBER 24-25 | SEOUL, KOREA + ONLINE

PROGRAM

STRATEGIC PARTNERS



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OCTOBER 2024
BUSINESS MEETINGS
OCTOBER 19-23, 2024

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Wednesday October 23 PRE-CONFERENCE SESSIONS

Time Zone: KST

Attendance at pre-conference sessions is included with your Expo registration but you must select "Business Meetings and Expo" when you are registering.

08:30	Registration Desk Opens	
09:00-12:30	Traditional Medicine Workshop Moderator: Yongsheng Gao Room: Studio 5	Research Symposium: Large Language Models Moderators: Suzy Roy and Rory Davidson Room: Studio 4 09:00-12:30
10:30-11:00	catered break	
12:30-13:30	LUNCH BUFFET IN PARK BALLROOM	
13:30-17:50	Semantic Interoperability: from Policy to Implementation Moderator: In-Young Choi Room: Studio 4	
15:00-15:30	catered break	
17:30-18:30	NETWORKING/SOCIAL EVENT: TAEKWONDO (ADVANCE REGISTRATION REQUIRED) PARK BALLROOM	



Time Zone: KST

09:00-10:00 **OPENING KEYNOTE: DR. HEE HWANG | KAKAO HEALTHCARE**
 Welcome remarks by Don Sweete | CEO, SNOMED International and the Korean Ministry of Health and Welfare
 Sponsored by Kakao Healthcare - Room: Grand Ballroom

10:00-10:30 **BREAK IN THE EXHIBITION HALL**

	DEMONSTRATING IMPLEMENTATION EXCELLENCE	ENHANCING CLINICAL PRACTICE & OUTCOMES	TERMINOLOGY LEADING PRACTICES	ADVANCES IN RESEARCH & INNOVATION	TUTORIALS
	Room: Studio 1	Room: Studio 2	Room: Studio 3	Room: Studio 4	Room: Studio 5
10:30-11:00	202430 Effective integration of SNOMED CT into Mendoza's EHR: Enhancing Argentina's public health system Natalia Massaccesi (AR)	202432 Realising AI's transformative impact in healthcare: real-world benefits with SNOMED CT from London hospitals Anthony Shek (UK)	202425 - NL2ECL: Transforming natural language queries to SNOMED CT expression constraint language Michael Lawley (AU)	202456 Making Use of existing resources: proposal for a pragmatic approach to resource-saving translations of SNOMED CT Frank Geier (DE)	202401 Introduction to SNOMED CT Anne Randorff Højen (DK) (10:30-12:30)
11:00-11:30	2202495 Unlocking SNOMED CT Success: A Collaborative approach to prioritization and implementation in Sweden Erika Ericsson/Anna Adelöf Kragh (SE)	202446 Healthcare information extraction using LLMs and SNOMED CT: Sharing Thailand experiences and challenges Nat Tangchitnob (TH)	202429 Challenges in documenting activities of daily living using SNOMED CT Susan Matney (US)	202497 Evaluation of AI-assisted pre-translation for SNOMED CT: substrate selection, glossary management, postprocessing, and fine-tuning of Large Language Models with clinically validated content Guillermo Reynoso (UY)	
11:30-12:00	202418 The Journey of SNOMED CT Implementation at national-level in Indonesia: Current progress, challenges and future plan Boga Hardhana (ID)	202451 Feasibility study of 'MiADE' point of care natural language processing (NLP) system: methodology and initial results Leilei Zhu (UK)	202413 SnowPhrase: Write freely, read clearly; text-based SNOMED-CT input system Lee Inyong (KR)	202433 Multilingual support for systematic identification, linking and contextualisation of SNOMED CT terms from clinical narratives Tom Searle (UK)	
12:00-12:30	202441 Canada's journey towards connected care: collaborating to create the foundation for semantic interoperability Linda Parisien (CA)	2024101 Collaborative Pathways to Quality: SNOMED CT's Role in "Integrated Knowledge Management" Keith Campbell (US)	202485 Terminology binding to bridge differences in information structure Anna Rossander (SE)	202420 Enhancing ePrescription with SNOMED CT multiple-lingual capability Suresh Kumar (IN)	

12:30-13:30 **LUNCH BUFFET IN THE EXHIBITION HALL / LIGHTNING TALKS AND EPOSTER VIEWING**



DEMONSTRATING IMPLEMENTATION EXCELLENCE		ENHANCING CLINICAL PRACTICE & OUTCOMES		TERMINOLOGY LEADING PRACTICES		ADVANCES IN RESEARCH & INNOVATION		TUTORIALS	
Room: Studio 1		Room: Studio 2		Room: Studio 3		Room: Studio 5		Room: Studio 4	
13:30-14:00	202493 Sparked- Australia's National FHIR Accelerator, FHIRing up adoption of SNOMED in Australia Kate Ebrill (AU)	202486 How to improve SNOMED CT ontology to represent concepts used in Korean traditional medicine Hyeoun-Ae Park (KR)	202464 Automated mapping: SNOMED CT to ICD11 Brian Carlsen (US)	202482 Interoperation and Analytics of EHR data employing Integrated Linked Ontologies within SNOMED CT James Campbell (US), Kin Wah Fung (US), Stan Huff (US), Robert Wynne (US)	202402 SNOMED CT and the Information Model for New Implementers - Where to Start? Anne Randorff Højen (DK) and Alejandro Lopez Osornio (UY)				
14:00-14:30	2202454 Open-source clinical decision support system using SNOMED CT Akhil Malhotra/ Angshuman Sarkar(IN)	202459 Establishment of the Korean Standard Medical Terminology System in conjunction with Korean Standard EMR using SNOMED CT Seo Byung Kwan (KR)	202476 Diving into SNOMED CT and IDMP: Early insights from Norway's development efforts Darijus Strasunskas (NO)	NOTE: WORKSHOP begins at 13:00 and continues after the break	(13:30-15:00)				
14:30-15:00	2024103 Global trends on FHIR adoption Diego Kaminker (AR)	202472 Evaluating the content coverage of SNOMED CT in the Siddha system of medicine/ Lavanya Gopi (IN)	202443 Relation concept annotation for SNOMED CT concepts Vlad Dinu/Shubham Agarwal (UK)						
15:00-15:30 BREAK IN THE EXHIBITION HALL / LIGHTNING TALKS AND EPOSTER VIEWING									
15:30-16:00	202470 Using SNOMED CT to maintain interoperability in case of medicines shortages Emilie Nguyen (FR)	2202465 Using SNOMED CT as reference medical terminology for the European Registry of Stroke Care Quality (RES-Q+) Andrea Riedel (DE)/ Catalina Martinez-Costa (ES)	202491 From Conception to Consumption Márk Czotter (HU)	202482 (part 2) Interoperation and Analytics of EHR data employing Integrated Linked Ontologies within SNOMED CT James Campbell (US), Kin Wah Fung (US), Stan Huff (US), Robert Wynne (US)	2202403 Strategies for quality information exchange in healthcare Anne Randorff Højen (DK) and Alejandro Lopez Osornio (UY)				
16:00-16:30	202417 Enhancing the Model of the Singapore Drug Dictionary Nicholas Seah (SG)	202480 Toward semantic and syntactic Interoperability of cancer synoptic report Ji Eun Hwang (KR)	202426 From patient contact to an interoperable clinical data model for eSurveillance of sepsis - SNOMED CT acting as the link: data points, modelling and architecture hands on at a Swiss university hospital Olga Endrich (CH)		(15:30-17:00)				
16:30-17:00	202405 Cancer data interoperability in New Zealand with SNOMED CT and FHIR Linda Bird (AU)	202467 Preventing post-operative delirium (POD) and improving outcomes with computable guidelines – the Digi-POD project Sophie Klopfenstein (DE)	202442 The Reference Terminology Server: Centralizing medical terminologies for improved healthcare system integration in Spain Ricardo Aznar Olmos (ES)						
17:00-19:00 SNOMED CT EXPO 2024 NETWORKING RECEPTION IN THE EXHIBITION HALL									



Time Zone: KST

09:00-10:00 **JAMES READ MEMORIAL LECTURE KEYNOTE BY DR PAM CIPRIANO, PRESIDENT INTERNATIONAL COUNCIL OF NURSES**
 Closing remarks by Tae Hwan Lim, Chairperson, Health and Medical Standardization Promotion Committee (KR)
 Sponsored by West Coast Informatics - Grand Ballroom

10:00-10:30 **BREAK IN THE EXHIBITION HALL / LIGHTNING TALKS AND EPOSTER VIEWING**

	DEMONSTRATING IMPLEMENTATION EXCELLENCE	ENHANCING CLINICAL PRACTICE & OUTCOMES	TERMINOLOGY LEADING PRACTICES	ADVANCES IN RESEARCH & INNOVATION	TUTORIALS
	Room: Studio 1	Room: Studio 2	Room: Studio 3	Room: Studio 5	Room: Studio 4
10:30-11:00	202449 Using SNOMED CT to enable interoperability in the organ donor-recipient patient journey and system-level performance reporting Julie Boutin/Tammy Lau (CA)	202444 Modeling in vitro diagnostic device data using the LOINC SNOMED CT Collaboration Extension: a path to success Christine Spisla (US)	202455 Medicines authoring in the SNOMED International Managed Service Dion McMurtrie (AU)	202481 Amplifying SNOMED CT with generative AI for enhanced accuracy and efficiency Eirik Nicholas Lunde (NO)	202404 A primer on Terminology Servers and SNOMED CT-enabled Terminology Services Kai Kewley (UK) and Alejandro Lopez Osornio (UY)
11:00-11:30	202488 Standardising data entry using SNOMED CT local extension For consistent analysis and expanding data dictionary Zulhairi bin Mohamad (MY)	202499 Greater use of post coordination In the LOINC SNOMED ontology Stan Huff (US)	202407 Quality improvements in procedure concepts, an ongoing task Victor Medina (MX)	202498 Leveraging a unified framework for evaluating the accuracy of large language models in clinical practices with SNOMED CT Fuad Rahman (US)	(10:30-12:30)
11:30-12:00	202450 Transforming national statistics using SNOMED CT Niklas Eklöf (SE)	202406 Incorrect and sex-inconsistent mapping of disorders in the ICD: How to work around the sex bias and what we can do for correct semantic interoperability with the help of SNOMED CT Nina Haffer (DE)	202423 Development of Dentistry Refset Ireland Theresa Barry (IE)	202363 MedCAT 2.0 - Medical Concept Annotation Tool. Using large language models to extract SNOMED CT annotations from EHRs Adam Sutton (UK)	
12:00-12:30	202435 SNOMED CT and The Veterinary Extension; unions and intersections for an enhanced one health approach Sarah Kong (AU)	202490 Harmonizing data of Korean genome and epidemiology and cardiovascular and metabolic disease etiology research cohorts with SNOMED CT Ah Jung Byun (KR)	2202474 Development of five cancer reference sets in SNOMED CT in South Korea Sumi Sung (KR)	202412 Validating Hierarchical Alignments of Partially Antonymous Concept Pairs in SNOMED CT Eunsuk Chang (KR)	

12:30-13:30 **LUNCH BUFFET IN THE EXHIBITION HALL / LIGHTNING TALKS AND EPOSTER VIEWING**

	DEMONSTRATING IMPLEMENTATION EXCELLENCE	ENHANCING CLINICAL PRACTICE & OUTCOMES	TERMINOLOGY LEADING PRACTICES	ADVANCES IN RESEARCH & INNOVATION	TUTORIALS
	Room: Studio 1	Room: Studio 2	Room: Studio 3	Room: Studio 5	
13:30-14:00	202421 Impacts of model changes on implementations: Change management and lessons learned in updating the Australian Medicines Terminology Matthew Cordell (AU)	202477 Implementing social determinants of health data to promote social equity in healthcare James Campbell (US)	202487 SNOMED CT, the FHIR terminology ecosystem and implementation - a useful synergy Rob Hausam (US)	202409 Leveraging SNOMED CT to create a semantic knowledge graph for health data research in Switzerland Sabine Oesterle (CH)	No Programming
14:00-14:30	202478 Enhancing drug data for advanced medication management: SNOMED CT implementation in Central Norway Liv Johanne Wekre (NO)	202408 Clarifying medical jargon to patients with terms and explanations Feikje Hielkema (NL)	202457 Connecting patients with healthcare providers with SNOMED CT-enabled personal health record in Malaysia: A conceptual paper Ismat Binti Sulaiman (MY)	202415 Research on implementation and use of nursing terminologies in electronic health records worldwide Elze de Groot (NL)	
14:30-15:00	2024104 Terminology Services: SNOMED as the spine of Italice, our health information system Charly Otero (AR)	2024100 Diplomatic strategies for enhancing SNOMED adoption in healthcare systems Jasna Karacic-Zanetti (BE)	2024102 International Patient Summary (IPS) adoption and implementation with SNOMED CT Alejandro Lopez Osornio (UY)/ Suzy Roy (US)	202424 Multi-institutional research platform with standard terminology advanced search capabilities Hannah Kang (KR)	
CONFERENCES CLOSES					

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Thursday October 24

- 10:05 202431 State of the nation: Progress of SNOMED CT implementation in Sweden - Erika Ericsson/Ajla Jakupovic (SE)
- 10:15 202414 SNOMED CT: A semantic glue for healthcare interoperability - Eirik Hafver Rønjum (NO)
- 12:45 202416 Increasing authoring capacity - the distributed authoring approach - Cathy Richardson (AU)
- 12:55 202458 Data Specification Management Process : Developing a pipeline for data owners to standardize their data - Theresa Barry (IE)
- 13:05 202494 Developing the foundation for automated clinical coding in healthcare in Austria: current state, solutions, and future perspectives - Christoph Powondra (AT)
- 15:05 202427 Development of standardized value sets for multi-institutional research utilizing SNOMED CT - Youngsun Park (KR)
- 15:15 202438 Implementing SNOMED CT in the national health record in Singapore: implementation challenges and lessons learned - Adelina Young (SG)

Friday October 25

- 10:05 202445 MELLO-D: Medical Lifelog Ontology for People with Disability from mobile health devices - Jisan Lee (KR)
- 10:15 202447 Lost in translation? Structuring Thailand's free-text medical records to SNOMED CT - Nat Tangchitnob (TH)
- 12:45 202492 Transforming national statistics using SNOMED CT: finding a mapping methodology - Erica Culp (SE)
- 12:55 202461 Proposed strategy for mapping traditional Korean medical clinical terminology to SNOMED CT - Heasun Chun (KR)



202411 SNOMED post-coordinated expressions offer powerful capabilities while also presenting risks that must be managed. The process of authoring 7,584 expressions for mapping the Human Phenotype Ontology (HPO) to SNOMED, and employing the available tools (SNOMED International) is described

Graham Ponting (UK)

202428 Digital Trial Solution and use of SNOMED standards to enable interoperability

Shirin Zaidi (US)

202437 Testing a SNOMED-CT linked clinical practice knowledge graph using synthetic electronic health records

Orlando Buendia (UK)

202439 Mapping clinical data from Korea Biobank using SNOMED CT: International standard terminology adoption

Wona Choi (KR)

202440 Analysing synonymous terms of SNOMED CT concepts collected from natural language processing annotation projects

Tom Searle (UK)

202453 Accessing electronic health records of the unconscious patient

Prachi Gurav (IN)

202460 Mapping terms extracted from knee osteoarthritis Korean Medicine Clinical Practice Guideline to SNOMED CT

Cham Kyul Lee (KR)

202468 Development of SNOMED CT use cases - building a reference set of chief complaints and primary diagnoses through SNOMED CT mapping: targeting patients in pulmonology

Seunghee Baek (KR)

202469 Patient's health problems on-line coding with SNOMED CT Using a Terminology Server

Gloria González (ES)

202471 Analysis of the utility of SNOMED CT granularity mapped to clinical terminology in the Department of Gastroenterology at Samsung Medical Center

Hyejung Kim (KR)

202496 Supporting Interoperability Across Standards: Findings From The CCDA-FHIR Transformation Project -

Natalee Agassi (US)

202452 Automated terminology mapping: leveraging LLMs for SNOMED CT to ICD-10-GM translation and validation with PASC phenotype

Filip Rehburg (DE)

202489 Prerequisites to develop and implement a standardized national risk assessment model in dentistry

Peter Lundholm (SE)

202448 Using WordNet to identify language variation within SNOMED CT. Possible implications for principles of content development, with particular reference to Mental Health.

Edward Cheetham (UK)

2024105 Establishing international healthcare standards for enhancing patient generated health data interoperability

Yeju Park (KR)

202479 Standardization and visualization of wearable device data: Tailoring user interfaces to meet elderly needs

Nagyeom Yoon (KR)



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09:00-12:30	Traditional Medicine Workshop Chairs: Yongsheng Gao and Liara Tutina Room: Studio 4	Research Symposium: Large Language Models Chair: Suzy Roy Room: TBA 09:00-10:30
10:30-11:00	catered break	
12:30-13:30	LUNCH BUFFET IN PARK BALLROOM	
13:30-17:00	Semantic Interoperability: from Policy to Implementation Speakers TBA Room: Studio 4 invitation only	
15:00-15:30	catered break	
17:30-18:30	NETWORKING/SOCIAL EVENT: TAEKWONDO (ADVANCE REGISTRATION REQUIRED) PARK BALLROOM	

