

# SNOMED CT Expo 2019



SNOMED International looks to the Community of Practice to drive its concurrent program at each SNOMED CT Expo. 2019's concurrent program streams are as follows:

## ***Demonstrating Implementation Excellence***

- The focus of presentations in this stream will be on exploring practical, first-hand experience in using SNOMED CT. Implementers from healthcare organizations, government agencies and industry will share their lessons learned and benefit realization achievements.

## ***Enhancing Clinical Practice***

- The presenters will share their experience in SNOMED CT application in the clinical settings and clinical research; aimed at enhancing the patient experience, clinical outcomes, reducing costs or improving efficiency of the clinical practices. This may include such areas as precision medicine, data analytics, decision support etc.

## ***Terminology Leading Practice***

- These presentations will cover experience and ideas on innovative enhancements of SNOMED CT, as well as those in conjunction with other international standards, i.e. content development, mappings, description logic etc.

**PRESENTATIONS NOW AVAILABLE BELOW**

**Access the Business Meeting Schedule here**

**Tuesday, 29th October 2019**

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|               |                                                                            |
|---------------|----------------------------------------------------------------------------|
| 19:00 - 23:00 | <b>Networking Event</b>                                                    |
|               | <b>Open to all (Registration &amp; ticket purchase required)</b>           |
|               | SNOMED International 2019 Gala Awards Dinner<br><i>Room: Grand Salon 1</i> |

**Wednesday, 30th October 2019**

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| 9:00-15:00 | <b>Working Group</b>                                                                                                                   |
|            | <b>Open to all</b><br><b>SNOMED CT Supporting Clinicians</b><br>Chairs: Jane Millar & Ian Green<br><i>Room: Poolside Residence 302</i> |

  

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| 18:30 - 20:30 | <b>Networking Event - Malaysian Cultural Evening</b>                                                                                                                                                                               |
|               | <b>Open to all - registration required</b><br>Hosted by the Ministry of Health (MoH) Malaysia & supported by MyCEB<br><i>Location: The Love @MaTiC</i><br><i>Pusat Pelancongan Selangor, 139, Jalan Ampang, 50450 Kuala Lumpur</i> |

Thursday, 31st October 2019

|       |                                                                                                                                                                                                                                                                                                                                 |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--|
| 07:30 | Registration desk opens (Grand Ballroom Foyer)                                                                                                                                                                                                                                                                                  |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
|       | <b>Tutorial</b>                                                                                                                                                                                                                                                                                                                 | <b>Workshop</b>                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
| 08:00 | SNOMED CT Quick Start<br><i>Ian Spiers, SNOMED International</i><br>Room: Grand Residence 101                                                                                                                                                                                                                                   | Research Engagement Workshop<br><i>Suzy Roy, SNOMED International</i><br>Room: Grand Residence 100               |                                                                                                                                                      |                                                                                      |                                                                                  |  |
|       | <b>Opening Plenary</b>                                                                                                                                                                                                                                                                                                          |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
| 09:00 | <b>Grand Salon</b><br><i>Don Sweete, CEO, SNOMED International (Welcome and Event Commencement)</i><br><i>Frank Hester OBE, Founder and CEO, TPP (Plenary sponsor)</i><br><i>YB Datuk Seri Dr. Dzulkefly Ahmad, Minister of Health, Malaysia (The Malaysian Experience Implementing SNOMED CT) - Full Video - Video Summary</i> |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
| 10:30 | <b>Exhibit hall opens</b><br><b>Networking break (Grand Ballroom 1&amp;2)</b><br><b>E-Posters viewing</b>                                                                                                                                                                                                                       |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
|       | Room: Grand Salon                                                                                                                                                                                                                                                                                                               | Room: Grand Residence 101                                                                                        | Room: Grand Residence 102                                                                                                                            | Room: Grand Residence 103                                                            | Room: Grand Residence 100                                                        |  |
|       | <b>Stream A</b><br>Demonstrating Implementation Excellence<br><br><b>Moderator: Suzy Roy</b>                                                                                                                                                                                                                                    | <b>Stream B</b><br>Enhancing Clinical Practice<br><br><b>Moderator: Ian Green</b>                                | <b>Stream C</b><br>Terminology Leading Practices<br><br><b>Moderator: Jane Millar</b>                                                                | <b>Stream D</b><br>Tutorials                                                         | <b>Stream E</b><br>Hands-On Workshops                                            |  |
| 11:00 | 201941 The use of SNOMED CT in the registry and standardization of allergies and adverse reactions in Portugal, <i>Filipe Mealha (PT)</i>                                                                                                                                                                                       | 201904 Analytics using SNOMED CT: results from a genomics pilot<br><i>Alejandro Metke Jimenez, CSIRO (AU)</i>    | 201934 Standardizing capture of social determinants of health<br><i>Matt Menning, American Medical Association (US)</i>                              | Introduction to SNOMED CT<br><i>Anne Højen and Ian Spiers (SNOMED International)</i> | Interoperation of the Electronic Health Record                                   |  |
| 11:30 | 201946 Use Clinical Terminology to Support the UK IBD Data Registry Submission - The Good, Bad and Indifferent<br><i>Leilei Zhu, University College London Hospitals NHS Foundation Trust (UK)</i>                                                                                                                              | 201951 SNOMED CT demonstration: clinical data analytics<br><i>Charles Gutteridge - SNOMED International (UK)</i> | 201912 Generic pathology information model for laboratory test result reporting in the UK (FHIR and SNOMED)<br><i>Karim Nashar, NHS Digital (UK)</i> |                                                                                      | Part 1: Interoperation of medications and allergy lists                          |  |
| 30    | 201925 SNOMED CT for regional and national chronic disease analysis and reporting<br><i>Kylynn Loi, CSIRO (AU)</i>                                                                                                                                                                                                              | 201954 Deep Learning & SNOMED CT<br><i>Christopher Bates, The Phoenix Partnership (UK)</i>                       | 201950 SNOMED CT on FHIR<br><i>Peter G. Williams, SNOMED International (UK)</i>                                                                      |                                                                                      | <i>James R Campbell, Daniel Karlsson, Kin Wah Fung &amp; Olivier Bodenreider</i> |  |
| 12:30 | <b>Lunch Break (Grand Ballroom 1&amp;2)</b>                                                                                                                                                                                                                                                                                     |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
| 30    | <b>E-Posters Viewing</b>                                                                                                                                                                                                                                                                                                        |                                                                                                                  |                                                                                                                                                      |                                                                                      |                                                                                  |  |
|       | Room: Grand Ballroom 3                                                                                                                                                                                                                                                                                                          | Room: Grand Residence 101                                                                                        | Room: Grand Residence 102                                                                                                                            | Room: Grand Residence 103                                                            | Room: Grand Residence 100                                                        |  |
|       | <b>Moderator: Shelley Lipon</b>                                                                                                                                                                                                                                                                                                 | <b>Moderator: Rory Davidson</b>                                                                                  | <b>Moderator: Monica Harry</b>                                                                                                                       |                                                                                      |                                                                                  |  |

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|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 1<br>3<br>:<br>30                               | 201916 Integrating MyHarmony (H armonization & Codification of Unstructured Data using SNOMED CT) with Malaysian Health Data Warehouse<br><br><i>Md. Khadzir Sheikh Ahmad, Ministry of Health Malaysia (MY)</i>   | 201906 Closing the circle - creating a new pathology data model using SNOMED CT<br><br><i>Laszlo Igali, Norfolk and Norwich University Hospital (UK)</i>                               | 201901 Modularity meets forgetting: a case with the SNOMED CT ontology<br><br><i>Jieying Chen, University of Manchester (UK)</i>                                                      |                                                                                                                 |                                                                                    |
| 1<br>4<br>:<br>00                               | 201905 Augmenting NLP results by leveraging SNOMED CT relationships for identification of implantable cardiac devices from patient notes<br><br><i>Sina Madani, Vanderbilt University Medical Center (US)</i>     | 201922 SNOMED CT and antimicrobial stewardship<br><i>W. Scott Campbell, University of Nebraska Medical Center (US)</i>                                                                 | 201920 New modular reasoning capabilities for SNOMED CT classification beyond the EL profile R<br><i>obert Hausam, Hausam Consulting (US)</i>                                         | Intelligent Search and Data Entry<br><i>Anne Højen and David Markwell (SNOMED International)</i>                | Managed Service for Beginners<br><br><i>Sonja Ulrich (SNOMED International)</i>    |
| 1<br>4<br>:<br>30                               | 201908 Driving data quality in primary care - a case study of community development of a common data dictionary, SNOMED CT value sets and FHIR IG for primary care in Australia<br><i>Kate Ebrill, CSIRO (AU)</i> | 201930 The implementation of SNOMED CT in chronic obstructive pulmonary disease to support interoperability<br><br><i>Zhi Wang, Digital China Health Technologies (CN)</i>             | 201936 Quality Improvement Project<br><br><i>Cathy Richardson - SNOMED International (UK)</i>                                                                                         |                                                                                                                 |                                                                                    |
| 1<br>5<br>:<br>00                               | <b>Networking break (Grand Ballroom 1&amp;2)</b><br><br><b>e-Posters viewing</b>                                                                                                                                  |                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                                 |                                                                                    |
|                                                 | <b>Moderator: Maria Braithwaite</b>                                                                                                                                                                               | <b>Moderator: Nick Egarhos</b>                                                                                                                                                         | <b>Moderator: Yongsheng Gao</b>                                                                                                                                                       |                                                                                                                 |                                                                                    |
| 1<br>5<br>:<br>30                               | 201953 Demonstration of the new SNOMED CT OWL Axioms<br><br><i>Ronald Cornet, Amsterdam UMC - Uni of Amsterdam (NL)</i>                                                                                           | 201910 Enhancing SNOMED CT-based clinical data entry via Doctor Desk LITE: a case study on Indian HMIS<br><br><i>Priyesh Ranjan, Centre for Development of Advanced Computing (IN)</i> | 201923 SNOMED CT and LOINC for computable phenotypes in Alzheimer's Disease<br><br><i>James Campbell, University of Nebraska Medical Center (US)</i>                                  | Data Analytics and Clinical Decision Support<br><br><i>Linda Bird and David Markwell (SNOMED International)</i> | An Introduction to Authoring<br><br><i>Cathy Richardson (SNOMED International)</i> |
| 1<br>6<br>:<br>00                               | 201940 The use of SNOMED CT for immunization in Portugal and for cross-border care<br><br><i>Cristiano Marques, Shared Services of the Ministry of Health, Portugal (PT)</i>                                      | 201955 AI based health signals discovery engine<br><br><i>Fuad Rahman, Goldblatt Systems (US)</i>                                                                                      | 201931 SNOMED CT, NPU and LOINC integration for semantic interoperability of laboratory test results<br><br><i>Daniel Karlsson, Swedish National Board of Health and Welfare (SE)</i> |                                                                                                                 |                                                                                    |
| 1<br>6<br>:<br>30                               | 201921 Applying Standards to Real-World Healthcare Data<br><br><i>Brian Carlsen, West Coast Informatics (US)</i>                                                                                                  | 201948 Weekly content release of Singapore Drug Dictionary, a SNOMED CT SG Extension<br><br><i>Ivy Li, Integrated Health Information Systems (IHIS) (SG)</i>                           | 201937 SNOMED CT support interoperability in Chinese cancer clinical lab test data<br><br><i>Zhi Wang, Digital China Health Technologies (CN)</i>                                     |                                                                                                                 |                                                                                    |
| 1<br>7<br>:<br>0<br>0<br>:<br>1<br>9<br>:<br>00 | <b>E-Posters Viewing</b><br><br><b>SNOMED CT Expo 2019 Networking Reception - Open to all delegates (Grand Ballroom 1&amp;2)</b>                                                                                  |                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                                 |                                                                                    |

Friday, 1st November 2019

08:30  
Registration desk opens (Grand Ballroom Foyer)

**James Read Memorial Lecture Plenary Session** - Keynote Presentation, Video

09:00  
**Grand Salon**  
Ivan G. Boyd, Managing Director & Founder, Goldblatt Systems (Plenary sponsor)  
Carolyn Gullery, Executive Director, Canterbury District Health Board NZ, (James Read Memorial Lecture)  
Dr Christopher K.C. Lee, Deputy Director General for Research & Technical Support, Malaysia Ministry of Health (Closing remarks)

10:00  
**Networking break (Grand Ballroom 1&2)**  
e-Posters viewing

| Room: Grand Ballroom 3                                                                                                                                   | Room: Grand Residence 101                                                                                                                                                      | Room: Grand Residence 102                                                                                                                                                            | Room: Grand Residence 103                                                                                    | Room: Grand Residence 100                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stream A</b><br>Demonstrating Implementation Excellence                                                                                               | <b>Stream B</b><br>Enhancing Clinical Practice                                                                                                                                 | <b>Stream C</b><br>Terminology Leading Practices                                                                                                                                     | <b>Stream D</b><br>Tutorials                                                                                 | <b>Stream E</b><br>Hands-On Workshops                                                                                                                                                                  |
| <b>Moderator: Liara Tutina</b>                                                                                                                           | <b>Moderator: Jane Millar</b>                                                                                                                                                  | <b>Moderator: Penni Hernandez</b>                                                                                                                                                    |                                                                                                              |                                                                                                                                                                                                        |
| 201932 SNOMED on a shoestring: the New Zealand implementation experience<br>Alastair Kenworthy, New Zealand Ministry of Health (NZ)                      | 201903 Analysis of dental process & procedure using SNOMED CT and MyHarmony<br>Dr Syirahaniza Mohd Salleh, Health Informatics Centre, Ministry Of Health Malaysia (MY)         | 201909 <b>CANCELLED</b><br>Drug concept model development and deployment<br>Toni Morrison - SNOMED International (UK)                                                                | Developing Subsets and Reference Sets<br>Anne Højen and David Markwell (SNOMED International)                | Interoperation of the Electronic Health Record<br>Part 2: Interoperation of Problem list, medical history and testing results<br>James R Campbell, Daniel Karlsson, Kin Wah Fung & Olivier Bodenreider |
| 201939 The use of SNOMED as part of implemented clinical building blocks in national projects in the Netherlands<br>Pim Volkert, Nictiz (NL)             | 201926 SNOMED CT in a dental EHR<br>Jørn Andre Jørgensen, Norwegian Directorate of E-Health (NO)                                                                               | 201917 Integrating the SNOMED CT and AMT drug models, revisited<br>Michael Lawley, CSIRO (AU)                                                                                        |                                                                                                              |                                                                                                                                                                                                        |
| 201952 Interoperability and analytics – benefits of standardised terminology adoption<br>Steven Issa, Australian Digital Health Agency (AU)              | 201918 Leveraging standardized nutrition terminology through SNOMED CT<br>Constantina Papoutsakis, Academy of Nutrition and Dietetics (US)                                     | 201915 Implementing the new SNOMED CT Medicinal Product Concept Model through mapping to an existing in use medicinal product terminology<br>Julie James, Blue Wave Informatics (UK) |                                                                                                              |                                                                                                                                                                                                        |
| 12:30<br><b>Lunch break (Grand Ballroom 1&amp;2)</b><br>e-Posters viewing                                                                                |                                                                                                                                                                                |                                                                                                                                                                                      |                                                                                                              |                                                                                                                                                                                                        |
| <b>Moderator: Cathy Richardson</b>                                                                                                                       | <b>Moderator: Nick Egarhos</b>                                                                                                                                                 | <b>Moderator: Charles Gutteridge</b>                                                                                                                                                 |                                                                                                              |                                                                                                                                                                                                        |
| 201947 Using SNOMED CT at Birdie to enhance safe living at home for older adults<br>David Beaumont, Birdie (UK)                                          | 201902 AEMPS experience codifying medicines with SNOMED CT terminology<br>Arturo Romero Gutierrez, AEMPS (Spanish Medicines and Healthcare Products Regulatory Agency) (ES)    | 201924 SNOMED CT coding molecular and genomic pathology data for precision cancer medicine<br>W. Scott Campbell University of Nebraska Medical Center (US)                           |                                                                                                              |                                                                                                                                                                                                        |
| 201913 How SNOMED CT can support a mobile app for the citizen empowerment<br>Cristiano Marques, Shared Services of the Ministry of Health, Portugal (PT) | 201907 Comparing the representation of medicinal products in RxNorm and SNOMED CT – consequences on interoperability<br>Olivier Bodenreider, National Library of Medicine (US) | 201938 The Unified Test List: a SNOMED CT refset for reporting laboratory test results in the UK<br>Karim Nashar, NHS Digital (UK)                                                   | Understanding SNOMED CT's Description Logic Enhancements<br>Linda Bird and Anne Højen (SNOMED International) |                                                                                                                                                                                                        |

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| <div>201929 SNOMED CT in i-Pesakit</div> <div>1 Bee Nah Chew, University</div> <div>4 Malaya Medical Center (MY)</div> <div>:</div> <div>30</div> | <div>201944 Use of SNOMED CT in the Swedish National Medications List</div> <div>Daniel Karlsson, Swedish National Board of Health and Welfare (SE)</div> | <div>201945 Use of SNOMED for strengthening medical certification of cause of death</div> <div>Sukanya Rangamani ICMR-National Centre for Disease Informatics and Research, Bengaluru, India (IN)</div> |
| <div>1</div> <div>5 Conference closes</div> <div>:</div> <div>00</div>                                                                            |                                                                                                                                                           |                                                                                                                                                                                                         |

## Electronic Poster Presentations



201919 Machine-readable medications instructions (UK) *Emma Melhuish, NHS Digital (UK)*

201911 Generating SNOMED CT-encoded test data vignettes using Wikipedia (UK) *Edward Cheetham, NHS Digital (UK)*

201935 Taking advantage of ontologies to carry out searches of scientific bibliography in reliable information sources

*Nicolas Passadore, HOPE (AR)*

201914 Implementation of SNOMED CT for knowledge representation of biomedical literature: A case study for cancer behavioral risk factors knowledge base

*Jiang Bian, University of Florida (US)*

201943 Units of measure for laboratory test result reporting in the UK (UCUM, FHIR and SNOMED), *Jay Kola, NHS Digital (UK)*

201942 The value of SNOMED CT description for the mapping of Chinese rare diseases ontology

*Zhi Wang, Digital China Health Technologies (CN)*

201933 SNOMED to ICD-10 mapping for implementation in disease registries *Sukanya Rangamani ICMR-National Centre for Disease Informatics and Research, Bengaluru, India (IN)*