

# SNOMED CT Expo 2018



SNOMED CT Expo 2018

October 18-19, 2018, Pan Pacific Hotel, Vancouver, BC, Canada

## Wednesday, 17th October 2018

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### Workshop

#### SNOMED CT and FHIR Day of the Dev

08:30 - 17:00

[Click here for details!](#)

Room: Coal Harbour

### Workshop

#### "Making it real": SNOMED CT supporting genomics

09:00 - 17:00

*Chaired by: Charles Gutteridge & Ian Green, SNOMED International*

Room: Oceanview 1& 2

### Workshop

#### SNOMED CT Observable entities; key to interoperation for laboratory, pathology and genomics

13:30-17:00

*Presented by James Campbell, W.Scott Campbell and Daniel Karlsson*

Room: Oceanview 4

### Networking Event - SNOMED International's Gala Awards Dinner

19:00 - 23:00

Open to all - tickets purchased via registration

Location: Waterview Special Events Venue, 1661 Granville Street

## Thursday, 18th October 2018

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7  
: Registration desk opens (Crystal Pavilion Foyer)  
30

**Tutorial**  
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8 SNOMED CT Quick Start  
: David Markwell, SNOMED International  
00  
Room: Gazebo I

**Opening Plenary**  
**Crystal Pavilion A**  
  
*Sponsor: Goldblatt Systems*

**Shelley Lipon**, Global CSR Executive Lead, SNOMED International  
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9 **Shelagh Maloney**, Executive Vice President, Digital Health Engagement and Marketing, Canada Health Infoway (CA)  
:  
00 **Peter Goodhand**, CEO, Global Alliance for Genomics and Health (CA)  
  
*Dr. Catalina Lopez-Correa, Chief Scientific Officer and Vice President, Sectors, Genome BC (CA)*

**\*\*Keynote Plenary Video\*\***

1 **Exhibit hall opens**  
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: **Networking break (Crystal Pavilion B&C, Foyer )**  
30  
**E-Posters viewing**

| Room: Gazebo I                          | Room: Crystal Pavilion A    | Room: Gazebo II   | Room: Pacific Rim I | Room: Pacific Rim II |
|-----------------------------------------|-----------------------------|-------------------|---------------------|----------------------|
| <b>Stream A</b>                         | <b>Stream B</b>             | <b>Stream C</b>   | <b>Education D</b>  | <b>Education E</b>   |
| Demonstrating Implementation Excellence | Enhancing Clinical Practice | Leading Practices | Tutorials           | Hands-On Workshops   |

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| <p>1<br/>1<br/>: 201836 User perspective regarding SNOMED CT implementation<br/>00<br/>: <b>Raymond Simkus</b>, Brookwood Family Practice (CA)<br/>Link to presentation</p> | <p>201860 Standardizing to SNOMED CT: Use Cases<br/><br/><b>Tiffany Harman (US)</b><br/>Link to presentation</p>                                                                                                                  | <p>201826 Automatically converting clinical terms into SNOMED CT expressions<br/><br/><b>Rohit Kate</b>, University of Wisconsin-Milwaukee (US)<br/>Link to presentation</p> |                                                                                                   |                                                                                                    |
| <p>1<br/>1<br/>: 201807 How we are DOing it: The Osteopathic professions experience with SNOMED CT<br/>30<br/>: <b>Tyler Cymet</b>, AACOM (US)<br/>Link to presentation</p> | <p>201853 SNOMED CT – Facilitating interoperable immunization records in Canada<br/><br/><b>Penelope Nica</b>, Provincial Health Service Authority, British Columbia (CA)<br/>Link to presentation</p>                            | <p>201851 Joint Initiative Council: Patient Summary Standards Set<br/><br/><b>Don Newsham</b>, ISO /TC215 (CA)<br/>Link to presentation</p>                                  | <p>Introduction to SNOMED CT<br/><br/><b>Jon Zammit and Anne Højen</b> (SNOMED International)</p> |                                                                                                    |
| <p>1<br/>2<br/>: 201837 Frequent releases driving clinical adoption<br/>00<br/>: <b>Kate Ebrill</b>, CSIRO (AU)<br/>Link to presentation</p>                                | <p>201847 Development of a SNOMED CT encoded population health platform using primary and secondary care data sources in east London<br/><br/><b>Charles Gutteridge</b>, Barts Health NHS Trust (UK)<br/>Link to presentation</p> | N/A                                                                                                                                                                          |                                                                                                   | <p>SNOMED CT Managed Service for Beginners<br/><br/><b>Sonja Ulrich</b> (SNOMED International)</p> |
|                                                                                                                                                                             |                                                                                                                                                                                                                                   |                                                                                                                                                                              |                                                                                                   | <p><b>Note:</b> Please bring a laptop with Google Chrome installed</p>                             |

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|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1<br>2<br>:<br>30                                  | <b>Lunch Break (Crystal Pavilion B&amp;C, Foyer)</b>                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |
| 1<br>3<br>:<br>30                                  | <b>E-Posters Viewing</b>                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |
| 1<br>3<br>:<br>30                                  | 201822 Implementation of non - linear, dynamic, controlled, meaningful, web-like electronic health records with SNOMED CT content model as a foundation<br><br><i>Marcelo Daniel Carrascal, Argentina Ministry of Health (AR)</i><br><br>Link to presentation | 201858 Computable Semantic Content: The Foundation of Precision Medicine<br><br><i>Sidney Goldblatt, Goldblatt Systems (US)</i><br><br>Link to presentation                                                                                                      | 201831 Implementation of SNOMED CT in histopathology and genomics to improve cancer care<br><br><i>W. Scott Campbell, University of Nebraska Medical Center (US)</i><br><br>Link to presentation | SNOMED CT Authoring Demonstration                                                                                                                                |
| 1<br>4<br>:<br>00                                  | 201801 SNOMED CT in an NHS acute hospital - The real deal<br><i>Monica Jones, The Rotherham NHS Foundation Trust (UK)</i><br><br>Link to presentation                                                                                                         | 201816 SNOMED CT generating cardiology key performance indicators (KPI)<br><br><i>Md Khadzir Sheikh Ahmad, Ministry of Health Malaysia (MY)</i><br><br>Link to presentation                                                                                      | 201827 SNOMED CT and genomics for the EHR<br><br><i>James Campbell, University of Nebraska Medical Center (US)</i><br><br>Link to presentation                                                   | SNOMED CT Implementation Pathways<br><i>David Markwell and Jon Zammit (SNOMED International)</i><br><br><b>Note:</b><br>Demonstration only                       |
| 1<br>4<br>:<br>30                                  | 201814 SNOMED CT implementation in a tertiary hospital with HIMSS-6 electronic health record<br><br><i>Arturo Romero Gutiérrez, MSCBS - Ministry of Health (ES)</i><br><br>Link to presentation                                                               | 201844 National structured synoptic reports for anatomical pathology using SNOMED CT<br><br><i>Keng-Ling Wallin, National Board of Health and Welfare, Sweden (SE)</i><br><br>Link to presentation                                                               | 201839 Clinical terminology and data exchange for clinical genomics: Australian case studies<br><br><i>Michael Lawley, CSIRO (AU)</i><br><br>Link to presentation                                |                                                                                                                                                                  |
| 1<br>5<br>:<br>00                                  | <b>Networking break (Crystal Pavilion B&amp;C, Foyer)</b>                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |
| 1<br>5<br>:<br>00                                  | <b>e-Posters viewing</b>                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |
| 1<br>5<br>:<br>30                                  | 201855 Welcome to the future: SNOMED CT live in a primary care clinic<br><br><i>Sisira De Silva, Newfoundland &amp; Labrador Centre for Health Information (CA)</i><br><br>Link to presentation                                                               | 201832 The proof is in the pudding – Making the data work<br><br><i>W. Scott Campbell, University of Nebraska Medical Center (US)</i><br><br>Link to presentation                                                                                                | 201856 SNOMED CT on FHIR<br><br><i>Robert Hausam, Robert Hausam Consulting (US)</i><br><br>Link to presentation                                                                                  | Creating a SNOMED CT extension from scratch to publication<br><br><i>Guillermo Reynoso, termMed</i>                                                              |
| 1<br>6<br>:<br>00                                  | 201838 SNOMED CT and ICD 11<br><br><i>Kylynn Loi, CSIRO (AU)</i><br><br>Link to presentation                                                                                                                                                                  | 201849 Mitigating risks and reaping the benefits of user- altered descriptions of SNOMED-encoded EHR data<br><br><i>Nicolette de Keizer, Academic Medical Center, University of Amsterdam Amsterdam Public Health Institute (NL)</i><br><br>Link to presentation | 201848 UK experiences with SNOMED and FHIR<br><br><i>Jeremy Rogers, NHS Digital (UK)</i><br><br>Link to presentation                                                                             | SNOMED CT Translation Experiences<br><br><i>Anne Højen, Ian Green (SNOMED International) and NRC representatives from Belgium and the Netherlands</i><br><br>TBD |
| 1<br>6<br>:<br>30                                  | 201802 MAGPIE – an interactive tool to find SNOMED CT and ICD-10-PCS codes for medical procedures<br><br><i>Kin-Wah Fung, National Library of Medicine (US)</i><br><br>Link to presentation                                                                   | 201843 Communicating alert information in the EHR using SNOMED CT<br><br><i>Rikard Löfvström, National Board of Health and Welfare, Sweden (SE)</i><br><br>Link to presentation                                                                                  | 201846 A harmonised implementation view for medications<br><br><i>Dion McMurtrie, Australian Digital Health Agency (AU)</i><br><br>Link to presentation                                          | TBD                                                                                                                                                              |
| 1<br>7<br>:<br>00<br>:<br>00<br>:<br>00<br>:<br>00 | <b>E-Posters Viewing</b>                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |
| 1<br>9<br>:<br>00                                  | <b>SNOMED CT Expo 2018 Networking Reception - Open to all delegates (Crystal Pavilion B&amp;C, Foyer)</b>                                                                                                                                                     |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                  |                                                                                                                                                                  |

## Friday, 19th October 2018

08:30 Registration desk opens (Crystal Pavilion Foyer)

### Plenary Session

#### Crystal Pavilion A

James Read Memorial Lecture - Sponsor: The American Medical Association Integrated Health Model Initiative

09:00 Christian Reich, MD, PhD, Observational Health Data Sciences and Informatics (OHDSI), VP Real-World Evidence IMS Health (US)

Closing Remarks:

**Shelagh Maloney**, Executive Vice President, Digital Health Engagement and Marketing, Canada Health Infoway (CA)

**\*\*Keynote Plenary Video\*\***

10:30 Networking break (Crystal Pavilion B&C, Foyer)  
e-Posters viewing

| Room: Gazebo I                                                                                                                                                              | Room: Crystal Pavilion A                                                                                                                                                                   | Room: Gazebo II                                                                                                                                                                                                                                                                            | Room: Pacific Rim I                                                                        | Room: Pacific Rim II                                                                                                                                     |
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| <b>Stream A</b><br>Demonstrating Implementation Excellence                                                                                                                  | <b>Stream B</b><br>Enhancing Clinical Practice                                                                                                                                             | <b>Stream C</b><br>Leading Practices                                                                                                                                                                                                                                                       | <b>Education D</b><br>Tutorials                                                            | <b>Education E</b><br>Hands-On Workshops                                                                                                                 |
| 201833 Implementation of SNOMED CT for national rare diseases registry system in China<br><i>Zhi Wang, Digital China Health Technologies (CN)</i><br>Link to presentation   | 201857 Clinical engagement<br><i>Ian Green, SNOMED International (UK)</i><br>Link to presentation                                                                                          | 201830 Modular reasoning for improving classification performance of a large SNOMED CT extension with extended description logic features<br><i>Robert Hausam, Robert Hausam Consulting (US)</i><br>Link to presentation                                                                   |                                                                                            |                                                                                                                                                          |
| 201815 SNOMED CT physician specialty subsets in Nova Scotia: Approach for going live<br><i>Dennis Lee, RKL Informatics (CA)</i><br>Link to presentation                     | 201850 Using reference sets to enhance communication and understanding among clinicians<br><i>Mark Jurkovich, American Dental Association, HealthPartners (US)</i><br>Link to presentation | 201803 Successful implementation of Singapore drug dictionary (SDD) a SNOMED CT SG extension in all public health institutions in Singapore<br><i>Pricilla Chua, Integrated Health Information Systems (IHIS) Singapore (SG)</i><br>Link to presentation                                   | Introduction to Reference Sets<br><i>Anne Højen, David Markwell (SNOMED International)</i> | SNOMED CT Managed Service for Beginners<br><i>Sonja Ulrich (SNOMED International)</i><br><b>Note:</b> Please bring a laptop with Google Chrome installed |
| 201824 Implementing SNOMED CT in i2b2 data warehouses<br><i>Jay Pedersen, University of Nebraska Medical Center (US)</i><br>Link to presentation                            | 201817 Boosting synergy between lab and medication workflows<br><i>François Macary, PHAST (FR)</i><br>Link to presentation                                                                 | 201820 SNOMED CT as an emerging international drug ingredient and drug product terminology: Use case evaluation<br><i>Vojtech Huser, National Institute of Health (US)</i><br>Link to presentation                                                                                         |                                                                                            |                                                                                                                                                          |
| 12:30 Lunch break (Crystal Pavilion B&C, Foyer)<br>e-Posters viewing                                                                                                        |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            |                                                                                            |                                                                                                                                                          |
| 201825 Capturing activity in the anatomical pathology lab using SNOMED CT<br><i>Gunn Signe Jakobsen, The Norwegian Directorate of E-health (NO)</i><br>Link to presentation | 201854 Supporting clinical interfaces using natural language processing and machine learning<br><i>Chris Hobson, Orion Health (CA)</i><br>Link to presentation                             | 201859 SNOMED CT drug ingredient terminology and national drug product extensions fuelling Clinical Decision Support. Implementation of Spanish, Chilean and Uruguayan extensions within a multilingual Drug Information System<br><i>Charles Mead, VIDAL (FR)</i><br>Link to presentation |                                                                                            | SNOMED CT Authoring for NRCs<br><i>Cathy Richardson (SNOMED International)</i>                                                                           |
|                                                                                                                                                                             |                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                            | Analytics and Clinical                                                                     |                                                                                                                                                          |

|                   |                                                                                                                                                                                                                                                         |                                                                                                                                                                                                           |                                                                                                                                                                          |                                                                                                            |                                                                                                                                                  |
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| 1<br>4<br>:<br>00 | 201829 Leveraging oral health registries through SNOMED CT<br><i>Joana Vilas Boas, Portuguese Ministry of Health Shared Services (PT)</i><br><br>Link to presentation                                                                                   | 201845 Enhancing inpatient order set discovery process by encoding orderable components with SNOMED CT Terms<br><i>Sina Madani, Vanderbilt University Medical Center (US)</i><br><br>Link to presentation | 201840 My relationship to relationship grouping<br><br><i>Daniel Karlsson, National Board of Health and Welfare, Sweden (SE)</i><br><br>Link to presentation             | Decision Support with SNOMED CT<br><br><i>Linda Bird, Jon Zammit, Peter Hendler (SNOMED International)</i> | <b>Notes:</b> Please bring a laptop with Google Chrome installed.<br><br>Participants must have attended SNOMED CT Managed Service for Beginners |
|                   | 201813 Interoperability of disease concepts in clinical and research ontologies – Contrasting coverage and structure in the disease ontology and SNOMED CT<br><i>Olivier Bodenreider, National Library of Medicine (US)</i><br><br>Link to presentation | 201841 Clinical application of SNOMED CT in HEDIS® quality measures<br><i>Anne Smith, NCQA (US)</i><br><br>Link to presentation                                                                           | 201823 The Portuguese use case of SNOMED CT in the Immunization<br><br><i>Maria Rosa, Portuguese Ministry of Health Shared Services (PT)</i><br><br>Link to presentation |                                                                                                            |                                                                                                                                                  |

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## Conference closes

## Electronic Poster Presentations

201842 Consistent documentation leading to infection control - *Rikard Lövström, The National Board of Health and Welfare, Sweden (SE)*

[Link to Poster](#)

201806 Encoding CIMI models with SOLOR extension content - *Susan Matney, Intermountain Healthcare (US)*

[Link to Poster](#)

201852 EPR; Document once – use many –with SNOMED CT - *Susanne Raeburn-Burgess, LEP AG (CH)*

[Link to Poster](#)

201811 Identifying inverse concepts for SNOMED CT QA - *Tim Williams, Deloitte & Touche LLP (US)*

[Link to Poster](#)

201812 Issues with modeling laterality - *Tim Williams, Deloitte & Touche LLP (US)*

[Link to Poster](#)

201821 Semantic guidance in general practitioner documentation - *Mark Hummeluhr Christensen, Aalborg University (DK)*

[Link to Poster](#)

[Additional animation](#)

201805 Semi-automated translation based on formal definition - *Feikje Hielkema-Raadsveld, Nictiz (NL)*

[Link to Poster](#)

201809 SNOMED CT for management of medicines in a Health Area - *Arturo Romero Gutiérrez, MSCBS - Ministry of Health (ES)*

[Link to Poster](#)

201808 Standardised medicines terminology for the accurate prescribing and recording of vaccines - *Dion McMurtrie, Australian Digital Health Agency (AU)*

[Link to Poster](#)

201819 The Belgian SNOMED CT® extension: Translation challenges in a bilingual context - *Maria-Cornelia Wermuth, KU Leuven (BE)*

[Link to Poster](#)

201818 Using SNOMED CT in an infection reporting system to transmit notifiable pathogens - *Julian Sass, Niederrhein University of Applied Sciences, Krefeld (DE)*

[Link to Poster](#)