



**SEMANTIC
MINING**



**Information Society
and Media**

SEMANTIC MINING CONFERENCE ON SNOMED CT®

October 1 - 3 2006
Copenhagen
Denmark

PROGRAM

| Sunday October 1 2006 | | | |
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| 13.00-14.00 | Registration and a light lunch | | |
| | Parallel Tutorials | | |
| 14.00-16.15 | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Room: 'Grand Ball' Chair: Ole Terkelsen Tutorial 1 The fundamental features of SNOMED Clinical Terms® David Markwell</p> <p>Consultant to the SNOMED CT® International Editorial Board</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Room: 'Amalienborg' Chair: Arne Kverneland Tutorial 2 Concept Based Translation Ulrich Andersen, Janni Lerche, Palle G. Petersen, Lene Asholm, Asta Høy, Jesper Sandberg, Linda Lindquist, Jacob Boye Hansen</p> <p>Danish National Board of Health, InterText Mus&Pen & CareCom A/S</p> </td> </tr> </table> | <p>Room: 'Grand Ball' Chair: Ole Terkelsen Tutorial 1 The fundamental features of SNOMED Clinical Terms® David Markwell</p> <p>Consultant to the SNOMED CT® International Editorial Board</p> | <p>Room: 'Amalienborg' Chair: Arne Kverneland Tutorial 2 Concept Based Translation Ulrich Andersen, Janni Lerche, Palle G. Petersen, Lene Asholm, Asta Høy, Jesper Sandberg, Linda Lindquist, Jacob Boye Hansen</p> <p>Danish National Board of Health, InterText Mus&Pen & CareCom A/S</p> |
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| 16.15-16.45 | Coffee Break | | |
| 16.45-17.45 | <p>Room: 'Grand Ball'. Chair: Ulrich Andersen Key Note Clinical Terminology – Why – How – When? Professor Alan Rector Department of Computer Science at Manchester University</p> | | |
| 17.30-19.00 | Registration | | |
| 19.00-20.00 | Reception | | |

Monday October 2 2006

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| 8.00-8.30 | Registration | |
| 8.30-8.40 | Welcome Arne Kverneland | |
| 8.40-10.15 | <p>Room: 'Grand Ball'. Chair: Stefan Schulz</p> <p>Framework for Terminology SNOMED CT® - the Principles, the Hierarchies and the Relationships Kent A. Spackman, Scientific Director SNOMED CT® International</p> <p>What are the Expectations to an International Terminology in Health Care? Pieter Zanstra, Radboud University Nijmegen Medical Centre, NL</p> <p>Discussion</p> | |
| 10.15-10.45 | Coffee Break | |
| 10.45-12.50 | <p>Room: 'Grand Ball'. Chair: David Markwell</p> <p>Contents of Terminology Experiences from Kaiser Permanente How to implement SNOMED CT® Andrew Wiesenthal, Kaiser Permanente</p> <p>Is SNOMED CT® Really Multi Professional? Anne Casey, MSc, RSCN, NHS, UK</p> <p>Applying SNOMED CT® codes for Electronic Health Records in the Netherlands William Goossen, RN, PhD. Senior Researcher and Consultant, Health and Nursing Informatics, Acquest Consultancy, NL</p> <p>Discussion</p> | |
| 12.45-14.00 | Lunch | |
| | Parallel Sessions | |
| 14.00-15.15 | <p>Room: 'Grand Ball' Chair: Ulrich Andersen</p> <p>SNOMED and Ontology</p> <ol style="list-style-type: none"> Gergely Héja, György Surján, Péter Varga: SNOMED CT and formal ontologies. Jon Patrick: Aggregation and Generalization in SNOMED CT®. Stefan Schulz, Kornél Markó, Boontawee Suntisrvaraporn: Complex Occurrents in Clinical Terminologies and their Representation in a Formal Language. | <p>Room: 'Amalienborg' Chair: Hans Åhlfeldt</p> <p>SNOMED and Linguistics</p> <ol style="list-style-type: none"> Hans Rudolf Straub, Maurus Duelli: With Semantic Analysis of Noun Phrases to SNOMED CT and Classification Codes. Patrick Ruch, Julien Gobeill, Imad Tbahriti, Robert Baud, Antoine Geissbühler: Automatic Assignment of SNOMED Categories: Preliminary and Qualitative Evaluations. Yefeng Wang, Jon Patrick, Graeme Miller, Julie O'Halloran: Linguistic Mapping of Terminologies to SNOMED CT®. |

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| 15.15-17.15 | <p>Room: 'Amalienborg' Chair: Gunnar Klein</p> <p>Demos, Poster Presentations & Coffee Break</p> <p>Demos</p> <ol style="list-style-type: none"> 1. Seth Rodriguez: The NASA Longitudinal Study of Astronaut Health Participant Summary and SNOMED CT® Coding Tool. 2. Brian Levy: Demonstration of Terminology Maintenance and Distribution. <p>Posters</p> <ol style="list-style-type: none"> 1. Camilla Wiberg Danielsen: Comparing the Danish Concept Council's Upper Ontology with SNOMED CT® and DOLCE. 2. Joachim Dudeck: Concept of an Open SNOMED CT® Development Framework (OSDF). 3. Kathy Giannangelo, Mary Stanfill: SNOMED CT® and Legacy Terminologies: Partnerships for Semantic Mining Through Maps. 4. Catalina Hallett: Textual Rendering of Post-coordinated Clinical Concepts. 5. Asta Høy: Issues Relating to the Translation of SNOMED CT® Concepts. 6. Janni Lerche, Lene Asholm: The Use of a Multidisciplinary Terminology in the Electronic Health Record. 7. Ulla Magdal: Mapping Between SNOMED CT and a European Laboratory Classification. 8. Anna Vikström, Ylva Skånér, Lars-Erik Strender, Gunnar Nilsson: How useful is SNOMED CT® for diagnostic coding with the Swedish primary health care version of ICD 10? |
| 19.00 | <p>Conference Dinner at the Cassiopeia Restaurant, next to the Tycho Brahe Planetarium</p> |

Tuesday October 3

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| 9.00-10.15 | Parallel Sessions | |
| | Room: 'Grand Ball' Chair: Pieter Zanstra Mapping of Terminologies 7. Rahil Qamar, Alan Rector: MoST: A System to Semantically Map Clinical Model Data. 8. Iulian Alecu, Cedric Bousquet, Marie-Christine Jaulent: Extraction of SNOMED-CT® Associative Relations to Improve Grouping of the Related WHO-ART Adverse Drug Reactions Terms. 9. Geraldine Wade, S. Trent Rosenbloom: Experiences: Mapping a Legacy Interface Terminology to SNOMED CT®. | Room: 'Amalienborg' Chair: Stefan Schulz Miscellaneous 10. Ronald Cornet, Nicolette de Keizer: Forty years of SNOMED: a Literature Review. 11. Ming Zhang, Jon Patrick, Donna Truran: Deriving a SNOMED CT® Data Model. 12. Erik Sundvall, Rahil Qamar, Mikael Nyström, Mattias Forss, Håkan Petersson, Hans Åhlfeldt, Alan Rector: Integration of Tools for Binding Archetypes to SNOMED CT®. |
| 10.15-10.45 | Coffee Break | |
| 10.45-12.30 | Room: 'Grand Ball'. Chair: Gunnar Klein Organisational Issues SNOMED CT® International in a Global Perspective Kevin Donnelly, SNOMED CT® The New Organisation for SNOMED CT®, Support and Development Martin Severs, NHS UK Discussion | |
| 12.30-14.00 | Lunch | |
| 14.00-15.30 | Room: 'Grand Ball'. Chair: Arne Kverneland The Relation between WHO and International Classification Tevfik Bedirhan Üstün, WHO From National Vision to International Perspectives and Back Ulrich Andersen, Danish National Board of Health | |
| 15.30 | End of Conference | |

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