

Signs, Symptoms and Findings: Towards an Ontology for Clinical Phenotypes 2009

DAY 1

9.15 Welcome from the Local Committee

9.30 Introduction

10.00 Morning Session: Upper Ontologies

Chair: Riichiro Mizoguchi

Nicola Guarino:
Qualities in DOLCE

10.30 Coffee Break

11.00 Riichiro Mizoguchi:
Reconciliation between BFO and DOLCE leads to YATO

Barry Smith:
BFO on Diseases, Signs and Symptoms

12.30 Lunch Break

14.00 Afternoon Session: The Ontology for General Medical Science

Chair: Barry Smith

Richard H. Scheuermann:
Representing Influenza in the Ontology for General Medical Science

William R. Hogan:
Towards an Ontology for General Medical Science

15.30 Coffee Break

16.00 Discussion and Conclusions

Chair: Barry Smith

17.00 Free Time

20.30 Social Dinner

DAY 2

9.00 Morning Session: *Ontology Development and Data Integration*

Chair: William Hogan

Sivaram Arabandi:

Developing a Sleep Domain Ontology

Gianluca Colombo & Daniele Merico:

NEUROWEB, modeling cerebrovascular disorders

10.30 Coffee Break

11.00 Leonardo Lezcano:

*A model for integrating disease and diagnosis semantics
in clinical archetypes*

Andrew James:

*SNOMED RefSet for the structured representation
of respiratory disorders of the newborn*

Peter Krawitz:

*Clinical Diagnostics in Human Genetics
with Semantic Similarity Search in Ontologies*

12.30 Lunch Break

14.00 Afternoon Session: *Ontology for Clinical Phenotypes: What Next*

Chair: Richard Scheuermann

Alan Ruttenberg:

Where do these 'disease states' go?

16.00 Workshop Conclusion

Speaker Affiliations

Sivaram Arabandi

Case Western Reserve University, Cleveland, OH, USA

Gianluca Colombo

DISCo - University of Milano-Bicocca, Milano, Italy

Nicola Guarino

CNR - Institute of Cognitive Science and Technology, Trento, Italy

William Hogan

University of Pittsburg, Pittsburg, PA, USA

Andrew James

Sickkids Hospital, Toronto, ON, Canada

Peter Krawitz

Institut für Medizinische Genetik der Charité –
Universitätsmedizin Berlin, Berlin, Germany

Leonardo Lezcano

University of Alcala, Alcala, Spain

Daniele Merico

CCBR - University of Toronto, Toronto, ON, Canada

DISCo - University of Milano-Bicocca, Milano, Italy

Riichiro Mizoguchi

University of Osaka, Osaka, Japan

Alan Ruttenberg

Science Commons

Richard Scheuermann

University of Texas Southwestern Medical Centre, Dallas, TX, USA

Barry Smith

National Centre for Biomedical Ontology

University at Buffalo, Buffalo, NY, USA