

10th Intl. Protégé Conference

July 15-18, 2007 - Budapest, Hungary

Sunday, July 15

Registration (8:00 – 9:00a)

Tutorials & Workshops (9:00 – 10:30a)

Do ontologies work? Barriers and Possibilities to Implement Ontologies in (Health) Information Systems

György Surján, Samson Tu

OWL Tutorial

Alan Rector, Olivier Dameron, Nick Drummond, Matthew Horridge

Application Development with Protégé

Timothy Redmond

Break (10:30 – 11:00a)

Tutorials & Workshops (11:00 – 12:30p)

Do ontologies work? — continued

OWL Tutorial — continued

Ontology Visualization

Jennifer Vendetti

Lunch (12:30 - 2:00p)

Tutorials & Workshops (2:00 - 3:30p)

How to Build and Maintain Useful Ontologies

Barry Smith

OWL Tutorial — continued

JessTab & JessAgentTab Tutorial

Henrik Eriksson, Karl-Heinz Krempels

Break (3:30 - 4:00p)

Tutorials & Workshops (4:00 - 5:30p)

How to Build and Maintain Useful Ontologies — continued

SWRLTab Tutorial

JessTab Tutorial — continued

Martin O'Connor

Monday, July 16

Registration (8:00 – 9:00a)

Session 1: Introduction, Chair: György Surján

9:00-9:15a Introduction, György Surján (National Institute for Strategic Health Research, Budapest, Hungary)

9:15-10:15a Protégé at 20: Taking Stock After Two Decades of Work, Mark Musen (Stanford University, US)

Break (10:15 – 10:40a)

Session 2: Applications, Chair: Harith Alani

10:40-11:00a A Protégé Ontology as the Core Component of a BioSense Message Analysis Framework, Cecil O. Lynch, Craig Cunningham, Eric Schripsema (OntoReason, LLC, US), Tim Morris, Barry Rhodes (US Centers for Disease Control and Prevention, US)
[Abstract](#)

11:00-11:20a	Avoiding the "Inner-Platform Effect" by using Protégé, Ron Schultz (Metavante Image Solutions, US) Abstract
11:20-11:40a	Applying Semantics (WSDL, WSDL-S, OWL) in Service Oriented Architectures (SOA), Michael Herrmann, Oliver Dalferth (Daimler Chrysler AG, Germany), Muhammad Ahtisham Aslam (Betriebliche Informationssysteme, Universität Leipzig, Germany) Abstract

Short Break (11:40 – 11:50a)**Session 3: Ontology Search, Chair: Nick Drummond**

11:50-12:10p	Searching Biomedical Ontologies Based on Content, Harith Alani, Nigel Shadbolt (University of Southampton, UK), Natalya F. Noy, Nigam Shah, Mark Musen (Stanford University, US) Abstract
12:10-12:30p	A Protégé Plug-in-Based System to Manage and Query Large Domain Ontologies, E. Jiménez-Ruiz, V. Nebot, R. Berlanga, I. Sanz (Universitat Jaume I, Castellón, Spain), A. Rios (Maat Gknowledge, Valencia, Spain) Abstract

Lunch (12:30 – 2:00p)**Session 4: Ontologies, Chair: Samson Tu**

2:00-2:20p	An Ontology Visualization Tool for Indexing DICOM Structured Reporting (SR) Documents, Sonia Mhiri, Sylvie Despres (University of Paris, France) Abstract
2:20-2:40p	Software Engineering Ontology for Software Engineering Knowledge Management in Multi-site Software Development Environment, Pornpit Wongthongtham, Elizabeth Chang (Digital Ecosystems and Business Intelligence Institute, Curtin University, Australia), Ian Sommerville (School of Computer Science, St. Andrews University, UK) Abstract
2:40-3:00p	Disease as an example of non-Aristotelian categories, György Surján (National Institute for Strategic Health Research, Budapest, Hungary) Abstract

Break (3:00 – 3:30p)**Session 5: Document Management & Information Extraction, Chair: Matthew Horridge**

3:30-3:50p	Two Protégé plug-ins for supporting document-based ontology engineering and ontological annotation at document level, Viktoria Pammer, Peter Scheir, Stefanie Lindstaedt Abstract
3:50-4:10p	"Data-Driven" Ontologies for an Information Extraction System from Polish Mammography Reports, Agnieszka Mykowiecka, Malgorzata Marciniak, Teresa Podsiadly-Marczykowska (Warsaw, Poland) Abstract
4:10-4:30p	Document Management using Protégé, Henrik Eriksson (Department of Computer and Information Science, Linköping University, Linköping, Sweden) Abstract

Session 6: Posters and Demos (4:30 – 6:00p) Refreshments will be provided!

Tuesday, July 17**Session 7: Keynote, Chair: Mark Musen**

9:00-10:00a	Ontology-Based Applications in the Age of the Semantic Web, Enrico Motta (Open University, UK) Abstract
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Short Break (10:00 – 10:30a)**Session 8: Rules & Inference, Chair: Olivier Dameron**

10:30-10:50a	SWRL Query Tab, Martin O'Connor (Stanford University, US) Abstract
10:50-11:10a	The Protégé-OWL SWRLTab and Temporal Data Mining in Surgery, Guenter Tusch (Stanford University, US & Grand Valley State University, Allendale, Michigan, US), Martin O'Connor, Timothy Redmond, Ravi Shankar, Amar Das (Stanford University, US) Abstract
11:10-11:30a	Integrating Pathway knowledge using Semantic Web technologies, Nigam Shah, Martin O'Connor, Mark Musen (Stanford University, US) Abstract
11:30-11:50p	XET Protégé Plug-in Environment, Photchanan Ratanajaipan, Chutiporn Anutariya, (Shinawatra University, Thailand), Vilas Wuwongse (Asian Institute of Technology, Thailand), Ekawit Nantajeewarawat (Thammasat University, Thailand) Abstract

Lunch (11:50 – 1:30p)**Session 9: Biomedical Applications, Chair: Günter Tusch**

1:30-1:50p	Build-up of Terminology Services for the European Centre for Disease Prevention and Control (ECDC) - part one: enterprise- and functional-level planning, László Balkányi, Gergely Héja Abstract
1:50-2:10p	Build-up of Terminology Services for the European Centre for Disease Prevention and Control (ECDC) - part two: conceptual engineering, Gergely Héja, László Balkányi Abstract
2:10-2:30p	Bridging Epoch: Mapping Two Clinical Trial Ontologies, Samson W. Tu, Ravi D. Shankar, Martin O'Connor, Amar K. Das (Stanford University, US), Douglas Fridsma (University of Pittsburgh, US), David B. Parrish (The Immune Tolerance Network, Pittsburgh, PA, US) Abstract
2:30-2:50p	Ontology-Driven Agent Code Generation for Home Care in Protégé, Akos Hajnal, Gianfranco Pedone, Laszlo Varga (Computer and Automation Research Institute of the Hungarian Academy of Sciences, Budapest, Hungary) Abstract

Break (2:50 – 3:20p)**Session 10: Ontology Database Integration, Chair: Henrik Eriksson**

3:20-3:40p	DataMaster - a Plug-in for Importing Schemas and Data from Relational Databases into Protégé, Csongor Nyulas, Martin O'Connor, Samson Tu (Stanford University, US) Abstract
3:40-4:00p	Automatic generation of Object-Relational Databases from Protégé Ontologies – PostgresSQLGen and WebIntGen Plug-ins, C. Albanese, F. Mele, G. Minei, F. Pagano (Napoli, Italy) Abstract

4:00-4:20p	Importing Spreadsheet data into Protégé: Spreadsheet plug-in, Jay Kola, Alan Rector (University of Manchester, UK) Abstract
Short Break (4:20 – 4:30p)	
Session 11: Panel discussion: protege-discussion Live! (4:30 – 5:30p)	
Conference Banquet (6:30 – 9:30p)	
Wednesday, July 18	
Session 12: Languages & Interoperability, Chair: Natasha Noy	
9:00-9:20a	Frames and OWL, Templates and Constraints, Interpreters and Compilers, Alan Rector (University of Manchester, UK) Abstract
9:20-9:40a	Automatic generation of consistency constraints for an OWL representation of the FMA, Olivier Dameron, Julie Chabaliere (Université de Rennes 1, France) Abstract
9:40-10:00a	Protege2FloraTab: a plug-in for the interoperability between Protégé and FLORA2, A. Calabrese, F. Mele (Istituto di Cibernetica, Italy), S. Masechia (Università degli Studi di Napoli "Federico II", Italy) Abstract
10:00-10:20a	A Protégé Plug-in Development to Support the NEPOMUK Representational Language, Milena C. Caires, Simon Scerri, Siegfried Handschuh (DERI, National University of Ireland, Galway, Ireland), Michael Sintek, Ludger van Elst (German Research Center for Artificial Intelligence (DFKI) GmbH, Kaiserslautern, Germany) Abstract
Break (10:20 – 10:40a)	
Session 13: Future of Protégé, Wrap-up, Chair: Alan Rector	
10:40-11:00a	Semantic ProtégéWiki, Holger Lewen, York Sure, Markus Zondler, Denny Vrandecic, Markus Krötzsch, (Institut AIFB, Universitaet Karlsruhe, Germany) Abstract
11:00-11:20a	The Next-Generation Protégé-OWL Editor and the OWL Toolkit, Matthew Horridge (University of Manchester, UK) Abstract
11:20-11:40a	Collaborative Protégé, Tania Tudorache, Natasha Noy (Stanford University, US) Abstract
11:40-12:00p	The Future of Protégé, Timothy Redmond (Stanford University, US)
12:00-12:20p	Wrap-up (open discussion), Protégé Staff