Workshop for W3C Semantic Web Health Care & Life Sciences Interest Group

Georgia Center, Athens, GA
November 6, 2006

Time	Presentations
07:30 – 08:00	**Breakfast**
08:00 – 08:45	**Introduction to the Health Care and Life Sciences Interest Group** Tonya Hongsermeier & Eric Neumann
08:45 – 09:45	**Overview of the HCLS Task Forces** **BioRDF** Susie Stephens **BIONT** Vipal Kashyap **Adaptive Clinical Protocols** Helen Chen **Drug Safety** Eric Neumann
09:45-10:45	**Presentation Session 1** **AlzPharm: A Light-Weight RDF Warehouse for Integrating Neurodegenerative Data** Kei-Hoi Cheung **Adapting Resources to the Semantic Web: Experience with Entrez Gene** Satya Sahoo **Pathway Knowledge Base: Integrating BioPAX compliant Pathway Knowledgebases** Nikesh Kotecha
10:45 – 11:00	**Break**
11:00 – 12:00	**Presentation Session 2** **A Proposal for Building the European Patient Summary using Triple Space Computing** E. Della Valle **A Comprehensive Representation Methodology for Computer-based Patient Records** Chimezie Ogbuji **A Semantic Framework for Global Disease Surveillance** Arunkumar Srinivasan
12:00 – 12:30	**Moderated Discussion**
12:30 - 13:30	**Lunch**

Time	Presentations
13:30 – 14:30	**Lightning Round Session** **Experiences Collecting and Representing Information about Antibodies for the Semantic Web** Alan Ruttenberg **Semantic Discovery of Medical Advice Services with Glue** Dario Cerizza **The Semantics of Genomic Mapping** Robert Stevens **Personalized and Sharing Classifications of Life Sciences and Health Care Information with Semantic Tagging** Marja-Riitta Koivunen **Semantic Based Recipe Suggestion** Valentina Tamma **Squiggle Med: Semantic Search for Medical Digital Library** Irene Celino **A Semantic Web Framework for Integrating Relational Neuroscience Databases** Huajun Chen **Integrative Extension of Drug Interaction Ontology (DIO) to Herb-Drug and Food-Drug Interactions** Sumi Yoshikawa **Enabling the Semantic Reasoning in the Health Level 7 Clinical Document using the Web Ontology Language** Anju Sharma
14:30 – 15:30	**Presentation Session 3** **Relevance-Ranking and Inferencing of Disease Phenotype, Etiology, Pathophysiological Mechanism, and Therapeutic Opportunities Using Biomedical Semantic Web Methodologies** Ranga Chandra Gudivada **The SWAN Hypothesis Manager in the Biomedical Knowledge Ecosystem** Elizabeth Wu **Representation and Resolution of Digital Resources on the Semantic Web – an Ontology Based Approach** Alan Ruttenberg
15:30 - 15:45	**Break**
15:45 – 16:45	**Presentation Session 4** **Getting Serious about a Community Bio-Service Catalogue** Carole Goble **RDF Friendly Chemical Taxonomies for Semantic Web** Bhat Narayana **Extrapolating and Fusing Knowledge about Fatty Acid Biosynthesis in Arabidopsis Thaliana to Oil Biosynthesis in Brassica Napus** Peter Gabel
16:45 – 17:15	**Moderated Discussion**
17:15 – 17:30	**Wrap Up**