INTERNATIONAL SOCIETY FOR BIOCURATION

6th International Biocuration Conference

Welcome to Cambridge!

We are looking forward to turning Churchill College into a platform where researchers from around the globe can share the methods and tools they employ in the curation of biological data. The plenary talks will feature four established scientists who have influenced the field of biocuration: Fiona Brinkman, Ewan Birney, Richard Cotton and Sir Rich Roberts.

Registration begins at 1PM, you may take one of the walking tours starting at 3PM, and join us for the EMBO Opening Lecture with Sir Richard Roberts at 6:20 PM in Wolfson Hall.
Further details on the Conference Schedule can be found at
http://www.ebi.ac.uk/biocuration2013/content/meeting-schedule

ISB Welcomes GMOD and Galaxy

We are delighted to share this venue with members of the GMOD and Galaxy teams, who will host satellite workshops around the conference.

The 2013 GMOD meeting will take place on 5th-6th April at The Hauser Forum. The "Ontologies with Galaxy" workshop will be held at the Biocuration conference on Monday 8th April 2013.

Thank you!

Biocuration 2013 is possible thanks to the support of the International Society for Biocuration (www.biocurator.org), Oxford University Press (www.oxfordjournals.org), BioMed Central (www.biomedcentral.com), European Molecular Biology Organization (www.embo.org), Heidelberg Institute for Theoretical Studies (www.h-its.org), ImMunoGeneTics (www.imgt.org), Elsevier (www.elsevier.com), and Cambridge University Press (www.cup.cam.ac.uk).

Calls for Papers

- Journal of Biomedical Semantics (JBMS) invites submissions to its first annual Ontology Issue. Send your short summary to bmontol@jbiomedsem.com 30 April, 2013. Full papers are due on May 31, 2013. The Ontology Issue will be published by the end of 2013.

- BMC Bioinformatics and Journal of Biomedical Semantics are currently accepting submissions to an exciting new article series entitled 'Annotation, Interpretation and Management of Mutations'. Please see the call for papers (http://www.biomedcentral.com/download/info/AIMMthematicseries.doc) for more details and how to submit.

- Statistical Analysis and Data Mining, An American Statistical Association Journal is accepting submissions to a special issue on Observational Healthcare Data. http://goo.gl/H5gDV. Guest Editors: Patrick Ryan, J&J and Marc Suchard, UCLA. Submission deadline for papers is July 1, 2013.
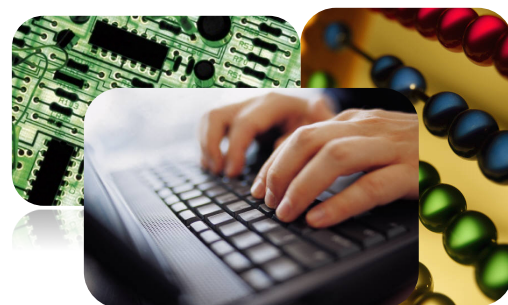
Training Opportunities

NCBO Hackathon

When & Where: April 29-30, 2013 at Stanford University, CA.

This event will focus on projects in biomedical or clinical informatics that can benefit from use of ontology-based technology. The entire NCBO Team will be available to brainstorm application ideas and to answer development questions. We will also have separate sessions to provide training on the NCBO Web services, the BioPortal SPARQL endpoint, and other topics of interest requested by participants. If you are thinking of incorporating semantics into your software application, the Hackathon will provide a great opportunity to get a head start on your project. Register soon at the link below to hold your spot! http://goo.gl/ITc9o

Bioinformatic tools for NRPS discovery: from genomic data to the products

When & Where: July 10-12, 2013 at University of Lille1-Villeneuve d'Ascq, France.

This International workshop for young researchers will focus on being able to rapidly identify, annotate and analyze polyketide and nonribosomal peptide biosynthesis gene clusters in bacterial and fungal genomes, managing the prediction of the most probable structure and activity of the peptides, getting familiar with bioinformatic tools such as Norine (http://bioinfo.lifl.fr/norine/) and antiSMASH (http://antismash.secondarymetabolites.org/). Registration at http://goo.gl/YhGQf

Upcoming Conferences

HARMONY 2013
http://www.eventbrite.com/event/5472145334#
When: May 20-23, 2013
Where: Center for Cell Analysis and Modeling of the University of Connecticut Health Center in Farmington, CT, USA.
What: HARMONY is a hackathon meeting with a focus on development of systems biology standards, interoperability and infrastructure. The majority of the time at HARMONY is devoted to allowing hands-on hacking and interaction between people focused on practical development of software and standards.

1st International Workshop on Semantics for Biodiversity (S4BIODIV)
http://semantic-biodiversity.mpl.ird.fr/
When: May 26-27, 2013
Where: Montpellier, France
What: The workshop aims to identify the key challenges faced by the bioinformatics community, discuss potential solutions and identify the opportunities emerging from the trans-disciplinary interactions between Plant Science and Informatics experts. Therefore, they expect the bioinformatics experts to explain how they apply semantic web standards and tools to their scientific topic, from biology, agriculture, agro-ecology, genomics, environmental studies, to social sciences, citizen sciences.

10th Extended Semantic Web Conference (ESWC 2013)
http://2013.eswc-conferences.org/
When: May 26-30, 2013
Where: Montpellier, France
What: The ESWC is a major venue for discussing the latest scientific results and technology innovations around semantic technologies. Building on its past success, ESWC is seeking to broaden its focus to span other relevant research areas in which Web semantics plays an important role.

4th International Conference on Biomedical Ontologies 2013 (ICBO2013)
http://goo.gl/PGUVX and http://goo.gl/K4eUC
When: July 7-9 2013
Where: Concordia University, Montreal, Quebec, Canada.
What: The conference aim is to foster discussion, exchange, and innovation in research and development in the areas Biomedical Ontology. Researchers and professionals from biology, medicine, computer science and engineering are invited to share their knowledge and experience. The event is part of the Semantic Trilogy

2013 featuring: i) International Conference on Biomedical Ontologies (ICBO 2013), ii) Canadian Semantic Web Symposium (CSWS 2013), and iii) Data Integration in the Life Sciences (DILS 2013).

Bio-Ontologies SIG 2013
http://www.bio-ontologies.org.uk
When: July 20, 2013
Where: Berlin, Germany.
What: The Bio-Ontologies SIG provides a forum for discussion of the latest and most innovative research in the appplication of ontologies and more generally the organisation, presentation and dissemination of knowledge in biomedicine and the life sciences.
Notes: Co-located with ISMB/ECCB 2013. Submissions due: April 12th, 2013. www.bio-ontologies.org.uk/submissions

BioNLP Shared Task 2013 at the BioNLP'11 Workshop
http://2013.bionlp-st.org/participation
When: Aug. 8-9 2013
Where: Sofia, Bulgaria
What: The BioNLP Shared Task (BioNLP-ST) series represents a community-wide trend in text-mining for biology toward fine-grained information extraction (IE).
Notes: Co-hosted with the ACL/HLT 2013 BioNLP workshop. Registration for participation to the BioNLP Shared Task is required. Registration open at the BioNLP Shared Task 2013 website. Training and development data sets of BioNLP shared task 2013 are publicly available on the task Web pages of the BioNLP Shared Task 2013 website: http://2013.bionlp-st.org/tasks

The 12th International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE 2013)
http://www.onthemove-conferences.org/index.php/odbase13
When: Sept 10-11, 2013
Where: Graz, Austria
What: ODBASE'13 provides a forum on the use of ontologies and data semantics in novel applications. Of particular relevance to ODBASE 2013 are papers that bridge traditional boundaries between disciplines

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such as databases, social networks, mobile systems, artificial intelligence, information retrieval, and computational linguistics. Submission of research and practical experience papers concerning scale issues in ontology management, information integration, and information extraction, as well as papers that examine the information needs of various applications is encouraged.

Notes: Deadlines: Abstract Submission: May 11, 2013. Paper Submission: May 18, 2013. Author Registration: July 16, 2013. Springer Verlag will publish the final proceedings as LNCS (Lecture Notes in Computer Science). Author instructions can be found at: http://goo.gl/f96OI

7th Int'l Workshop on Modular Ontologies (WoMO)
http://lat.inf.tu-dresden.de/~dwalther/womo2013/
When: September 15, 2013
Where: Corunna, Spain
What: Topics include, but are not limited to: What is modularity?; Logical/foundational studies; Algorithmic approaches; Evaluation of modularizations; Applications: semantic web; life sciences; earth sciences; bio-ontologies; natural language processing; collaborative ontology development, ontology versioning, and others.
Notes: Paper submission deadline: July 5, 2013

Workshop on Ontologies and Data in Life Sciences
http://tinyurl.com/odls-2013-en
When: Sep 19-20
Where: Koblenz, Germany
What: This workshop integrates workshops of two series: the workshop series Data in Life Sciences and Ontologies in Biomedicine and Life Sciences (OBML), thereby connecting two important areas of biomedical research. This connection covers the overall spectrum of biomedical information processing, from experimental data acquisition and data management, across analysis, structuring and interpretation of data, up to the development of structures of knowledge in the form of ontologies with their various applications. Notes: Paper submission due: Apr 22.

12th International Conference on Bioinformatics - InCoB2013
http://ictbi.imed-cn.org/incob2013
When: Sep 20-22, 2013.
Where: Taicang (China).
What: InCoB2013 has overall objective to provide a platform for experts and budding bioinformaticians to discuss and exchange ideas and thoughts on the development of bioinformatics in the Asia Pacific region.
Notes: Extended deadline for paper submissions (BMC Bioinformatics, BMC Genomics and BMC Systems Biology) is APRIL 30, 2013.

BioCreative IV Critical Assessment of Information Extraction in Biology Challenge & Workshop
http://www.biocreative.org/events/biocreative-iv/CFP/
When: October 7-9, 2013
Where: NCBI, National Institutes of Health, Bethesda, Maryland.
What: BioCreative is a community-wide effort for evaluating text mining and information extraction systems applied to the biological domain. One key goal of BioCreative is the active involvement of the text mining user

JOB OPPORTUNITIES

Continued...

Upcoming Conferences (Continued)

community in the design of the tracks, preparation of corpus and the testing of interactive systems.

NETTAB 2013: Semantic, Social, and Mobile Applications for Bioinformatics and Biomedical Laboratories

http://www.nettab.org/2013/

When: Oct 16-18, 2013

Where: Lido of Venice, Italy

What: NETTAB 2013 will explore mobile, social, and semantic solutions for bioinformatics and laboratory informatics. A savvy combination of these technologies could greatly enhance the research outcome of life scientists and markedly simplify workflows in biomedical laboratories.

Notes: Deadlines: July 5: Abstract submission for Oral communications. July 31: Abstract submission for Posters. September 13: Early registration.

Executive Committee Meetings

The ISB Executive Committee meets monthly. Minutes from the meetings are posted on the ISB website http://www.biocurator.org/executive_committee_minutes.html

ISB Newsletter Archive

Previous issues of this Newsletter can be found on the ISB website at http://biocurator.org/newsletter.shtml

The ISB Newsletter is edited by M. Munoz-Torres.

Share your ideas with members of ISB! Prepare a news article written to biocurators as the audience. In 260 words or less spread the word about new tools in your site, or tools for distribution to the wider community. Broadcast announcements and advances from your team to all the members of ISB by sending an email to intsocbio@gmail.com. Submission deadline for the May Newsletter is Friday, April 26th.

Kind regards,

THE ISB EXECUTIVE COMMITTEE

JOB OPPORTUNITIES

(Continued)

❖ Scientific Curator, Eugene, OR, USA. Posted March 23, 2013. Details available at http://goo.gl/LthD5

❖ Scientific Biocurator, Scientific Biocurator for Swiss-Lipids, Geneva, Switzerland. Posted March 15, 2013. More information at http://goo.gl/rcs3i

❖ Software Engineer, Zebrafish Model Organism Database, Eugene, OR, USA. Posted March 15, 2013. Find more about this position at http://goo.gl/EZHUj

❖ Ontology Developer, Gene Ontology Project (http://geneontology.org). Posted March 6, 2013, Closing Date: 7 April 2013. Details available at: http://goo.gl/qRxuf

❖ Postdoctoral Researcher, BindingDB (http://www.bindingdb.org). Posted February 22, 2013. For more information visit http://goo.gl/n9PTX

❖ Software developer, NISEED (http://www.aniseed.cnrs.fr) team at CRBM, Montpellier, France. Posted February 20, 2013. Find more about this job at http://goo.gl/nP5Dv