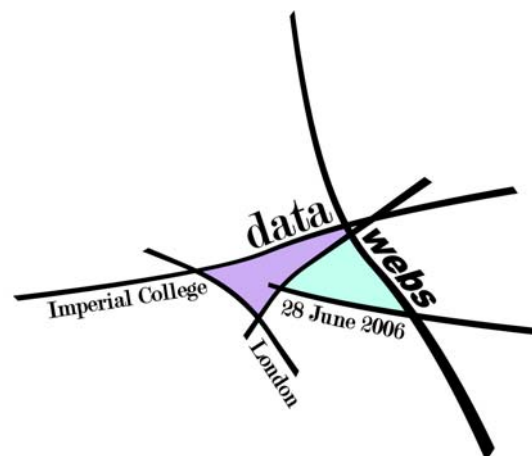


# Data Webs: new visions for research data on the web

Wednesday 28th June, 10:00 – 18:00  
Imperial College, Exhibition Road, London SW7

A Research Information Network Workshop



- Handling the scientific data deluge . . .
- Making research data more freely available . . .
- Interoperating between heterogeneous Web databases . . .
- Exploiting the potential of the Semantic Web and Web 2.0 . . .

This workshop will seek to address these issues, with the help of a panel of distinguished speakers from both sides of the Atlantic. The event will provide an opportunity to examine and discuss the changing nature of scholarly publication and the use of lightweight semantic web and 'Web 2.0' approaches to improve access to and interoperability between scientific research data.

In particular, the workshop will develop the concept of data webs, a new concept in digital information storage and integration that involves lightweight harvesting of metadata describing distributed data into a central searchable registry. It will show that data webs are often a more appropriate means for the publication and integration of research data than the use of centralized databases.

Although the programme has a focus in the biomedical sciences, the event should appeal across all disciplines to researchers with an interest in improving the way they publish and share their data. The workshop will aim to show that the methods discussed have the potential to provide significant benefits, including scalability, and will explore the key issues for establishing them across the research spectrum.

Everyone is welcome, but places are limited and will be allocated on a first come, first serve basis.

## Confirmed speakers include:

<b>Nicholas Gibbins</b>	School of Electronics and Computer Science, University of Southampton, UK; Joint winner of the first Semantic Web Challenge
<b>David Karger</b>	Computer Science and Artificial Intelligence Laboratory, Massachusetts Institute of Technology, USA; developer of the Haystack and Piggy Bank Semantic Web browsers
<b>Andy Seaborne</b>	Semantic Web Research Group, Hewlett Packard Research Labs, Bristol, UK; co-developer of the SPARQL query language for RDF and relational databases
<b>Ben Lund</b>	Web Publishing Division, Nature Publishing Group, London, UK; co-developer of the Connotea social bookmarking system for scientific literature, built on del.icio.us
<b>Peter Mika</b>	Business Informatics Group, Faculty of Science, Free University of Amsterdam, Amsterdam, NL; Winner of the "Best Paper Award" at the 4th International Semantic Web Conference, and developer of new theories to link social networks with ontologies
<b>Philip Bourne</b>	Department of Pharmacology, University of California San Diego, San Diego, USA; Co-director, Protein Data Bank and Editor-in-Chief of <i>PLoS Computational Biology</i> , who questions the distinction between a scientific journal and a database
<b>Anita de Waard</b>	Advanced Technology Group, Elsevier, Amsterdam and Centre for Content and Knowledge Engineering, University of Utrecht, NL; chair of the Reed Elsevier data standards group, and developer of semantic structures for scientific papers
<b>Eric Neumann</b>	Teranode Corporation, Seattle, USA; an expert in Semantic Web applications and knowledge-based methods of working applied to the pharmaceutical industry
<b>David Shotton</b>	Image Bioinformatics Research Group, Department of Zoology, University of Oxford, UK; co-developer of the BioImage Database and of BioImageWeb, a data web for the integration of published biological image data

Cost (including buffet lunch): £60 (students £25).

To register, go to [http://iceconferences.com/acatalog/Data\\_Webs.html](http://iceconferences.com/acatalog/Data_Webs.html)



[www.rin.ac.uk](http://www.rin.ac.uk)

This workshop is endorsed by  
the London e-Science Centre  
and the Oxford e-Research Centre

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