Managing and Integrating Information in the Life Sciences

General information

Date:	June 17 – 21, 2013 (3rd edition)
Location:	LUMC Leiden, Netherlands
Website:	http://www.nbic.nl/education/nbic-phd-school/course-portfolio/
Keywords:	Knowledge-based information management, workflows for collaboration and data integration, Semantic data integration, Nanopublications, Linked Data
Organisers:	Marco Roos (LUMC) and Katy Wolstencroft (VU & University of Manchester), Celia van Gelder (NBIC)
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Description

The amount of Life Science data available in the public domain is a vast and growing resource for bioinformatics research. There are over 20 million papers in PubMed and over 1600 biological databases. In many cases finding and applying the information from these resources is far from trivial. Following this course will show you new techniques for working with these distributed resources, including using the Semantic Web, Linked data and scientific workflows. It will also focus on methods for using or linking your own data into this large distributed web of resources.

Lecturers: Paul Groth (VU), Frank van Harmelen (VU), Marco Roos (LUMC), Egon Willighagen (UM), Katy Wolstencroft (VU, University of Manchester).

Target audience

This course is for bioinformaticians who would like to learn about leading-edge data and knowledge integration solutions. You will learn (1) powerful and flexible approaches to data and information management for your bioinformatics application (Semantic web and Linked Data), (2) how to work with data across remote locations, for instance by applying Web Services and workflows, (3) how to publish your own data to get the most credit and make it available and reusable for the rest of the community.

Registration at: http://www.nbic.nl/education/nbic-phd-school/enrolment/