PhD Position Available
Biological Informatics

Research topics: The paradigms of scholarly publication are changing rapidly. From “NanoPublication” to “Living Figures”, the act of publishing scientific output on the Web is (finally!) diverging from the traditional PDF and becoming more explicit, dynamic, interactive, and machine-readable. In this PhD project we will collaborate with investigators, developers, and publishers at Faculty of 1000 Research (http://f1000research.com/) – a journal actively exploring these novel forms of publication – to design, implement, and test various forms of provenance capture such that scholarly activity within these dynamic publication environments can be tracked and properly cited. We will also take advantage of F1000's readership to evaluate the utility of these provenance-rich environments to determine if they are helpful to researchers and/or peer reviewers.

Period: Three years; Start date: September, 2015

Salary: EUR 12.618 / year + social security.

Requisites: Master's Degree in a related field (computer science, library/information science, or similar). Excellent coding skills in any language. Excellent candidates who qualify for the FPU application will be given preference.

INTERESTED CANDIDATES PLEASE CONTACT: Dr. Mark Wilkinson – mark.wilkinson@upm.es

For further information about the group: http://wilkinsonlab.info

Related publications from our laboratory:

1. Dumontier M; Baker CJ; Baran J; Callahan A; Chepelev L; Cruz-Toledo J; Del Rio NR; Duck G; Furlong LI; Keath N; Klassen D; McCusker JP; Queralt-Rosinach N; Samwald M; Villanueva-Rosales N; Wilkinson MD; Hoehndorf R. 2014. "The Semanticscience Integrated Ontology (SIO) for biomedical research and knowledge discovery.". J. Biomed. Semantics 5:14.

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