UNIVERSITÀ DEGLI STUDI DI PALERMO

DIPARTIMENTO DI MATEMATICA E INFORMATICA
CONSIGLIO INTERCLASSE DEI CORSI DI STUDIO IN INFORMATICA (CICSI)

SEMINARI DI AVVIAMENTO AL LAVORO
Corsi di Laurea e Laurea Magistrale in Informatica

Il giorno 12 Novembre 2015, alle ore 15:00, nell' aula 7 del DMI si svolgerà' il seguente seminario.

Measuring intangibles: estimating social performances in sport, research, and software development

Prof. Paolo Ciancarini
Dipartimento di Informatica
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Abstract

This talk surveys some techniques for estimating performance, namely rating, in fields as diverse as sport, research, and software development. We focus on the Elo system, showing how it has been developed and successfully applied to estimating the performance of chess players. It is possibly the most widespread metrics applied to measure the progress of search algorithms and chess programs (even in comparison to human performance). It has been applied to other sports and games and even to communities of online players. It has been recently proposed as a way to rate researchers and even software developers. Finally, we discuss its possible uses in a variety of real applications.

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Semantic Lancet: how to deal with scholarly data

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Abstract

There is an ever increasing interest in publishing Linked Open Datasets about a variety of subjects. We focus on research products, specifically on scientific papers. The current landscape is very fragmented: some projects focus on bibliographic data, others on authorship data, others on citations, and so on. The quality of such data is very heterogeneous; moreover the production and maintenance of such datasets is difficult and time-consuming. In this talk we describe the Semantic Lancet Project, whose goal is to make available rich semantic data about scholarly publications and to provide users with sophisticated knowledge management services on top of those data. We developed a chain of tools for semantic publishing that produce high-quality data from multiple sources. It has been successfully used to produce a rich and freely available LOD, described here as well.