

## AVVISO DI SEMINARI

### Prof. Luís Torgo

*Department of Computer Science, Faculty of Sciences, University of Porto (Portugal)*

**Venerdì 18 giugno 2010 ore 9.30, Laboratorio Boole, III piano, Dipartimento di Informatica**

**Venerdì 25 giugno 2010 ore 9.30, Laboratorio Boole, III piano, Dipartimento di Informatica**

### **Data Mining with R: A short Course**

R is a free and open source software for data analysis. R is becoming rapidly the de facto standard tool for data analysis in general. It has been receiving and increasing attention not only by academia but also from the industry (see for instance a recent article on the New York Times, <http://www.nytimes.com/2009/01/07/technology/business-computing/07program.html>, or the recently created Revolution Analytics company, <http://www.revolutionanalytics.com/>).

This short course will introduce you to R. We will start with a small introduction to the basic concepts of the language and then move over to some concrete case studies where basic data mining concepts are illustrated. The course assumes no apriori knowledge of R. It follows a learn by doing it approach in-line with the book upon it is based (Data Mining with R, learn with case studies, CRC press, <http://www.liaad.up.pt/~ltorgo/DataMiningWithR/>).



*Luis Torgo has a degree in Systems and Informatics Engineering and a PhD in Computer Science. He is currently an Associate Professor of the Department of Computer Science of the Faculty of Sciences of the University of Porto. He is also a researcher of the Laboratory of Artificial Intelligence and Data Analysis (LIAAD) belonging to INESC Porto LA. Luis Torgo has been an active researcher in Machine Learning and Data Mining for more than 20 years. He has lead several academic and industrial Data Mining research projects. He is the author of a book on “Data Mining with R, learning by case studies”, CRC Press (2010).*

Seminario per: 1) Dottorato in Informatica; 2) Progetto formativo PS\_121.