

Knowledge Representation Basics

Seminar for BA and MA students in Philosophy

Epistemica S.r.l. – an Italian company working in the field of the **Semantic Web** technologies application for international organizations, private companies and PA – will provide students with conceptual basis, technological instruments and the fundamental skills required for knowledge representation and automated reasoning in a professional context. Main topics of the workshop:

- Logic formalisms for Knowledge Representation: **Description Logics**
- Software: ontology editor (**Protégé**); automated reasoner (**RacerPro**)
- Design and management of a **Knowledge Base**

Teachers: Dr. Marco Romano and Dr. Eng. Noemi Scarpato

Workshop will be held at Villa Mirafiori – University of Rome Sapienza, 2 via Carlo Fea – **from February 25th to March 6th 2013**, following this scheduling:

Feb., Monday 25th & Wednesday 27th	from 14.30 to 18.30, hall XII
Feb., Tuesday 26th & Thursday 28th	from 10.30 to 13.30 & from 14.30 to 18.30, hall XII
March, Friday 1st	from 15.30 to 17.30, hall XII
March, Wednesday 6th	from 13.30 to 15.30, hall X
March, Thursday 7th	from 14.30 to 16.30, hall I

The whole seminar consists of 28 hours (including both lectures and training sessions) plus an original project to be developed by students in small teams. Students who will attend at least 20 hours and present their own project in due time (the date will be announced during the seminar) will be acknowledged the ECTS credits required for stage activities. No special academic prerequisite. A personal computer (notebook or netbook) is required.

For information and registration please contact: m.romano@epistemica.com