Title: **Introduction to Fuzzy Description Logics**

Speaker: **Rafael Peñaloza , University of Bozen-Bolzano**

Abstract: Description Logics (DLs) are a successful family of knowledge representation formalisms that have been applied for representing and reasoning about the knowledge of many application domains. The most notable applications of DLs have been developed in the biological and medical domains. In the bio-medical sciences, one fundamental feature is the capability to express imprecise notions in a formal manner. Fuzzy DLs extend classical DLs with imprecise semantics.
In this course we will provide a brief introduction to fuzzy DLs, their reasoning methods, their complexity, and some of the main open problems.

Short Biography: Rafael Peñaloza is an RTD from the Free University of Bozen-Bolzano. He works on non-standard extensions of logical formalisms, prominently of Description Logics.

Course dates	Time	Room
22/01/2016	14:00-16:30	MT11-30B
25/01/2016	14:00-16:30	MT11-30B
27/01/2016	14:00-16:30	MT11-30B
29/01/2016	14:00-16:30	MT11-30B