



Organizational Experience Management and Engineering with Semantic Enhancement and Reflexive Ontologies: Computerized Formalization with Applications in Smart Decision Support Systems

Lecturer: Dr. Ing- Carlos Toro (Vicomtech Research Centre)

Course description:

In this lecture, the idea of computational experience based management and decision support will be presented. The speech will be based on the background ideas related to semantic networks and ontological advancement. Computerized platform based on Java of knowledge and experience representation and formalization will be introduced as a way of storing expert decision makers past decisions for the purpose of enhancing the handling and re-use of knowledge within organization and know-how assets through implementations in Intelligent Decision Support Systems. The ideas presented will be illustrated with a number of examples of real life current implementations clinical decision making.

Syllabus of the lecture

1. Introduction
2. The idea of experience management
3. Knowledge and Experience in the framework of experience management
4. Ontological Engineering
5. Reflexive ontologies as query systems
6. Smart Decision Support systems
7. Brief Introduction to JAVA
8. Computerized implementation of semantic query systems for supporting the management of experience within an organization.
9. Real life applications of decisional enhancement in clinical environment.



TERMINY WYKŁADÓW			
Data	Dzień tygodnia	Godzina	Sala
2014-05-05	Poniedziałek	9.00-12.30	Gmach B 718 B
2014-05-05	Poniedziałek	14.15-15.45	WZiE 214
2014-05-06	Wtorek	14.15-15.45	WZiE 109
2014-05-07	Środa	11.15-14.45	WZiE 214
2014-05-07	Środa	15.15-17.45	WZiE 109