

UNIVERSITY OF MACAU
FACULTY OF SCIENCE AND TECHNOLOGY
DEPARTMENT of COMPUTER AND INFORMATION
SCIENCE

Ref: FST/RTO/0050/2011

“Web 3.0 Emerging”

by

Prof. James A. Hendler

Tetherless World Senior Constellation Professor

Department of Computer Science and Cognitive Science Department

Rensselaer Polytechnic Institute

Date : 09/05/2010 (MONDAY)

Time : 10:30

Venue : HG03

Abstract

As more and more data and information becomes available on the Web, new technologies that use explicit semantics for information organization are becoming desirable. New terms such as Linked Data, Semantic Web and Web 3.0 are used more and more, although there is increasing confusion as to what each means. In this talk, I will describe how different sorts of models can be used to link data in different ways. I will particularly explore different kinds of Web applications, from Enterprise Data Integration to Web 3.0 startups, government data release, the different needs of Web 2.0 and 3.0, the growing interest in "semantic search", and the underlying technologies that power these new approaches.

Biography

Jim Hendler is the Tetherless World Chair of Computer and Cognitive Science and the Assistant Dean of Information Technology and Web Science at Rensselaer Polytechnic Institute. One of the inventors of the Semantic Web, Hendler was the recipient of a 1995 Fulbright Foundation Fellowship and is a Fellow of the American Association for Artificial Intelligence, the British Computer Society, and the IEEE. Hendler is the first computer scientist ever to serve on the Board of Reviewing Editors for Science.

ALL ARE WELCOME!