

**The Tunisia Chapter of the IEEE Computational Intelligence Society  
and The National School of Engineers of Sfax**

**are inviting all interested researchers and IEEE members  
to three seminars presented by**



**Robert I. John**, De Montfort University, Leicester, UK

Professor of Computational Intelligence  
Director of the Centre for Computational Intelligence  
Head of the Department of Informatics

<http://www.cse.dmu.ac.uk/~rij/>

Fuzzy Logic is a mature research area but the applications have been primarily in control. The holy grail as proposed by Zadeh is "Computing with Words". That is, can one get a computer to understand the meaning of words and combine these words in real systems that model human decision making in difficult problems? Type-2 fuzzy logic is a developing field that appears to offer a step change in moving toward this demanding goal.

Professor Robert John is an active researcher in Fuzzy Logic. In particular, he work with type-2 fuzzy sets, interval valued fuzzy sets and type-2 adaptive fuzzy systems. He is interested in how Fuzzy Logic can be used to model vagueness, imprecision, concepts and perceptions. He believe that type-2 fuzzy sets offer the ability to model perceptions in a way that type-1 fuzzy sets cannot. He is also interested in other aspects of modelling uncertainty.

**March 13, 2010:**

*Title: Type-1 Fuzzy Logic Systems: Theory and Applications, and Introduction to type-2 FLS*

**Time: 10:30-12:00**

**Location: Seminar Room, National School of Engineers, Sfax-Tunisia**

**March 16, 2010:**

*Talk Title 1: Type 2 Fuzzy Logic Systems*

**Time: 10:15-11:15**

*Talk Title 2: Human Decision Making and type-2 FLS*

**Time: 11:30-12:30**

**Location: Seminar Room, Orient Palace 5\* Hotel, Sousse-Tunisia**

**WELCOME!**