



University of Cyprus
Department of Electrical and
Computer Engineering



IEEE
Computational
Intelligence
Society

Every Picture Tells a Story – Visual Cluster Analysis

Prof. James Bezdek

IEEE CIS Distinguished Lecturer

Date:

**Wednesday,
31 October 2012**

Time:

17:00 to 18:30

Location:

**UCY New Campus
XΩΔ01 - Room 110**

Open to the public



Sponsored by the Computational Intelligence Society under its Distinguished Lecturer Program, the IEEE Cyprus Section, the IEEE UCY Student Branch and the ECE Department of the University of Cyprus.

A veteran of Computational Intelligence shares his insights on “Big Data”

Everybody talks about “Big Data” but making sense out of it is no easy task. In this talk, Prof. James (Jim) Bezdek elaborates on Visual Clustering and how it can help process Very Large Databases and Big Data in general. Three algorithms for visual assessment of clustering tendency and their real-life applications are presented. Applications include medical data analysis, social network analysis, and network access security.

Prof. Jim Bezdek received the PhD in Applied Mathematics from Cornell University in 1973. He is past president of NAFIPS (North American Fuzzy Information Processing Society), IFSA (International Fuzzy Systems Association) and the IEEE Computational Intelligence Society. He is the Founding Editor of the Int. Journal of Approximate Reasoning and the IEEE Transactions on Fuzzy Systems, and he is a Life Fellow of the IEEE and IFSA.

He is the recipient of the IEEE 3rd Millennium Medal, IEEE CIS Fuzzy Systems Pioneer Award, and IEEE Rosenblatt Award.

Jim's interests: woodworking, optimization, motorcycles, pattern recognition, cigars, clustering in very large data, fishing, co-clustering, blues music, wireless sensor networks, poker and visual clustering.

