

**Session 8 - 25th 14.00-15.30m**  
**Sala: B025**

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**A.I. Application in Information Science:**

**A review of information visualization softwares**

Abstracts:

No one can deny that the breath-taking breakthroughs in ICT, consumer informatics and globalization has re-arranged the information handling landscape. It had given rise to new phrases being coined such as Digital Divide, E-preparedness, Infonaut and Digiscape. But essentially there has been a degree of asymmetry between the rapid development of information technology and means to harness it. This disparity between our ability to generate information and our ability to timely appreciate the information has led to the phenomena of information overload. The present paper reviews some possible solutions to this problem based on A.I. application. It discusses the various issues of how A.I. can serve as a predictive technology not only for information visualization but for knowledge discovery in databases as well as datamining, citation analysis, document design, bibliometrics and scientometry. It outlines some of the outlines developed by UT LIS Forecasting Group. While still in its infancy, some of these technologies could be adapted by libraries as a means not only to diversify their holdings but to tailor it to their patron needs. It could also help the libraries in serving as node point in knowledge discovery and repackaging.