

Department of Probability and Statistics

University of Sheffield

BRITISH CLASSIFICATION SOCIETY

Keeping up with the literature: the role for computer text analysis

The above meeting will be held in Hicks Building, University of Sheffield, on Friday 23rd of February commencing at 1100.

Theme: Given the exponential growth of accessible literature, it is becoming increasingly difficult to maintain *science and technology* current awareness. Recent developments in text analysis offer the most likely means by which this escalating problem can be countered. These techniques employ a wide range of statistical classification methods for tasks such as 'concept' pattern matching, clustering and taxonomy construction.

This meeting of the *British Classification Society* will sample from the wide-range of text analysis techniques covering both theory and application.

PROGRAMME

Coffee and Tea in the Common Room, 1 (5th) Floor, Room I.15,
Lectures in Lecture Theatre F, D floor

1020	Coffee (<i>Common Room</i>)	
1100	Welcome and introduction	David Holland Smith (DERA)
1120	Recent experience in technology watching	David Kent (DSTL)
1150	Database tomography: finding themes and linked literatures	David H S/Nick Kemp (DERA)
1220	Conceptual hierarchy construction from free text	Mark Sanderson (Sheffield)
1250	Lunch (<i>Delegates will be able to purchase lunch from a variety of campus outlets</i>)	
1350	Latent Semantic Indexing	Andrew Ben-Dyke (DERA)
1420	Topic Detection and Tracking	Joe Carthy (Dublin)
1450	A Generic Architecture for Text Engineering	Hamish Cunningham (Sheffield)
1520	Closing remarks	David Holland Smith
1540	Discussion and tea (<i>Common Room</i>)	All