Analytical Polymer Science Interfacing Materials Science and Analytical Chemistry

报告人：Prof. Harald Pasch
Department of Chemistry and Polymer Science
University of Stellenbosch

The present talk discusses the principle ideas of analyzing complex polymers by multidimensional analytical techniques. The most promising protocols refer to coupling different chromatographic methods (2D chromatography) or hyphenating liquid chromatography with information rich detectors (FTIR, NMR, MS). A number of representative examples for multidimensional polymer analysis will be presented that refer to the analysis of block copolymers, hydrophilic copolymers and polyolefins.