Current Developments in Rubber Rheology   
Jorge Lacayo 1, Stuart Cook 2, Norbert Vennemann3   
  
1 - Continental R&D Tires, Hanover, Germany   
2 - Tun Abdul Razak Research Centre, Hertford, UK  
3 - Osnabrueck University of Applied Sciences, Osnabrück, Germany 

**Abstract**

Some of the latest innovative developments in the assessment of rubber rheology, including Temperature Scanning Stress Relaxation and Fourier Transform Rheology, are described and their potential to contribute to the understanding of basic rubber behaviour is discussed. Examples of applications on both natural and synthetic rubbers are presented in order to illustrate these new techniques.