



ANTRITTSVORLESUNG



o.Univ.-Prof. Dipl.-Ing. Dr. mont. Reinhold W. Lang
(Institut für Polymerwerkstoffe)

Professor Lang graduated in Polymer Engineering and Science in 1978 (University of Leoben) and obtained a PhD degree in 1984 (Lehigh University, USA). He then joined BASF AG (D), holding a research and group leader position in the field of advanced composites. In 1991 he became Full Professor at the University of Leoben, acting also as Director of the Polymer Competence Center Leoben from 2002 to 2008.

Since September 2009 he holds the Chair of Polymeric Materials and Testing at the JKU Linz. His research focus is in the field of fracture and fatigue of plastics and composites and in the application of polymers in solar energy technologies.

Montag, 15. März 2010, 16:00 Uhr¹

Repräsentationsräume der JKU, 1. Stock (Uni-Center)

Polymeric Materials and Polymer Science for Sustainable Development Technologies

Among the challenges and opportunities ahead, increasing attention is paid by the polymer industry to what is termed *Sustainable Development*, a concept that reaches far beyond conventional environmental protection measures. A shift towards any *Sustainable Development* scenario will not only affect society as whole but in particular also future technological developments. In the presentation the important role of polymeric materials and polymer science will be explored with regard to existing and expected contributions to some key future technology fields such as the transformation of the energy system towards the increasing utilization of renewable (solar) energy and aspects related to a sufficient water supply for the increasing global population.

¹ Zu diesem Termin findet zuerst die Antrittsvorlesung von Herrn Prof. Major und anschließend jene von Herrn Prof. Lang statt.