

A SYLICA International Workshop:**Polymer service-life: Estimation, durability and controlled performance**

The workshop is a part of **SYLICA** project (Synergies of Life and Material Sciences to Create a New Future). The issue is to discuss the latest findings concerning the degradation and stability of polymers, generated in the field of both academy/university and commercial industry research. Meeting the people of the branch is the main goal. The workshop will be held in English.

October 22, 2014Masaryk University Campus
Bohunice, Kamenice street 5
building A35, room 211**Workshop programme:**

- 09:30-10:15 Hindered Amine Chemistry for Efficient Controlled Degradation of Polypropylene
Andreas THUERMER (BASF AG; Basel, Switzerland)
- 10:15-11:00 Processing and Properties of PLA, PHB and PLA/PHB Blends
Pavol ALEXY (Slovak Technical University, Bratislava, Slovakia)
- 11:00-11:45 How to Improve (Photo)Oxidative Stability of Flame Retarded Polymers
Rudolf PFAENDNER (Fraunhofer Institute LBF; Darmstadt, Germany)
- 11:45-13:00 Lunch Break
- 13:00-13:45 Stabilization of Polyethylene with Natural Antioxidants
Béla PUKÁNSZKY, Balázs Kirschweng, Dóra Tátraaljai, Enikő Földes
(Budapest University of Technology and Economics; Hungarian Academy of Sciences, HU)
- 13:45-14:30 Polymers Oxidation and Stabilization – A Kinetic Study
Emmanuel RICHAUD (École Nationale Supérieure des Arts et Métiers - ENSAM, Paris)
- 14:30-15:15 The Preservation of Polyolefins During Their Service Life: A Discussion of the Current Limits
Klaus KECK, HeeJung Kwon & Th. Schmutz (Songwon Industrial; Switzerland - South Korea)
- 15:15-16:00 Discussion