



TRAINING IN THE FIELD OF POLYMER MATERIALS / PLASTICS

Composites

Leoben - 24th of March 2015



The training is free of charge and is conducted within the project PolyRegion.



Naložba v vašo prihodnost
 Operacijo delno financira Evropska unija
 Evropski sklad za regionalni razvoj



Investition in Ihre Zukunft
 Operation teilfinanziert von der Europäischen Union
 Europäischer Fonds für regionale Entwicklung

Date: 24^h of March 2015
Duration: 09.15 - 15.45
Venue: Montanuniversität Leoben, IZW
A- 8700 Leoben, Roseggerstraße 12, 4th floor

Training objectives:

The participants will gain:

- knowledge about properties of composites under fatigue loads
- knowledge about properties of composites under impact
- information about simulation of delamination in composites
- knowledge about ionic fluids
- information about usage of ionic fluids for composites

Who will benefit?

Polymer engineers, technicians, development engineers, operators or process from plastics industry and wish to:

- get information about the influences of impact and fatigue loads on composites
- improve the quality of composites
- get practical information about ionic fluids
- get more information about delamination in composites

Training program:

09:15 – 09:30 Registration and Welcome
09:30 – 09:45 Presentation of the project PolyRegion (M. Mešl / VŠTP)
09:45 – 12:15 Deformation of composites under impact and fatigue loads (Dr. St. Stelzer / MUL)
12:15 – 13:15 Lunch break
13:15 – 14:00 Simulation of delamination in composites (Dr. P. Fuchs / PCCL)
14:00 – 15:30 Ionic fluids and the possibilities for composites (Mag. R. Kalb / proionic)
15:30 – 15:45 Discussion and End

Lecturers: Dr. Steffen Stelzer, Dr. Peter Fuchs, Mag. Roland Kalb

Registration on: polyregion@materialscluster.at, latest until 20th of March 2015

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