

Seminar at IMECH-BAS

on H2020-MSCA-RISE-Graphene 3D Project

23 May 2019 (Thursday), 14:00 h, hall 200

PROGRAM

14:00 – 14:20 Value-add Materials from Plastic Packaging Waste by Solid-State Shear Milling Technol.

Shibing Bai (SKLPM, Sichuan University, China)

14:20 – 14:35 Characterization of binary and ternary polymer nanocomposites based on high density polyethylene.

Hristiana Velichkova (IMech-BAS/OLEM)

14.35 - 14:50 Rheology, structure and properties at the percolation threshold of polymer nanocomposites with graphene and graphene / carbon nanotubes.

Radost Ivanova (IMech-BAS/OLEM)

14:50 – 15:05 Influence of carbon nanotubes and graphene on dynamic mechanical properties of PLA-based 3D printed structures.

Polya Angelova (IMech-BAS/ OLEM)

15.05 – 15.20 Cafe break

15.20 – 15.50 Fabrication of FDM 3D Printed Multi-Functional Polylactic Acid/Graphene Nanocomposites and Parts via Local Enrichment Strategy.

John Chen (SKLPM, Sichuan University, China).