PUATC is glad to organize a webinar on "State of the Art Catalyst Technology for Elastomeric Polyurethane Applications"-By Dr. Christian Brandl (Evonik).

Date : 1st December 2022
Time : 2pm India time

Abstract: The Webinar reviews the role and mechanisms of catalysts in polyurethane elastomer systems. The choice of the right catalyst is crucial to lead the polymerization towards the direction of urethane or for instance urea linkages. Urea linkages could be a side product of a secondary reaction between water and isocyanates. Therefore, the catalyst decides if the product goes towards foams or in a direction of compact elastomer systems. Choosing the right catalyst is also important to improve the processing to maximize pot life times and to minimize return to service times. Another aspect are emissions of catalytically active amines that could have a negative effect on material properties in adjacent parts to polyurethane elastomers. Last but not least, it outlines alternatives for the use of CMR (mutagenic and reprotoxic) catalyst systems.

About The Speaker: Dr. Christian Brandl studied Chemistry at the Philipps-Universität Marburg and received his PhD in Polymer Chemistry 2012 in the working group of Prof. Dr. Seema Agarwal. From 2012 to 2013 he worked in a Polyurethane Systems House. He joined Evonik in 2013 and worked in different positions in the Business Line Comfort and Insulation.

Please register for the webinar just by sending a mail to snehalata@ipuatc.com till 29th November 2022. The meeting link will be circulated by 30 November 2022.