

Guest Lecture



GUEST LECTURE

by

DR. HELMUT WINTERLING

PRESIDENT- GROUP RESEARCH BASF,
LUDWIGSHAFEN, GERMANY



on the topic

**SUSTAINABILITY AND
DIGITALIZATION IN THE
CHEMICAL INDUSTRY**

**Date: 3rd September 2024
(Tuesday)**

Time: 12:30 PM to 1:30 PM

**Venue: Lecture Hall
Complex, LA 001**

Abstract:

The chemical industry is facing several groundbreaking transformations in the coming decades. These challenges will lead to significant changes how we create chemistry. BASF is committed to its sustainability goals with its Net Zero ambitions and strives to be an enabler of a truly circular economy. The presentation highlights several key examples of the BASF journey to sustainability and how BASF is tackling these challenges through innovation. A key enabler which will be highlighted in the presentation are digital methods which provide completely new pathways.

Speaker Bio:

Dr. Winterling studied chemistry at the University of Cologne, Germany, and obtained his PhD in Physical Chemistry from the same university in 1998. He began his career at BASF in 1999 as research manager, Polymer Research, in Ludwigshafen, Germany. In 2002, he was appointed consultant for Chemicals Policy, and subsequently, head of Chemicals Legislation, Environment, Health and Safety. In 2006, he was appointed Project and Investment Controlling, Styrenics. In 2008, Winterling became head of Global Strategic Marketing Foams, Performance Polymers. Four years later, he became vice president and staff to the chairman of the Board of Executive Directors. In 2016, he moved to Shanghai, China, where he was senior vice president, Advanced Materials & Systems Research/Dispersions & Pigments, of BASF Advanced Chemicals Co., Ltd. In 2021, he returned to Ludwigshafen, Germany, to assume the role of senior vice president, Senior Project R&D Transformation, before his appointment in 2022 as senior vice president, Digitalization, Automation and Innovation Management.