

ADVANCED POLYMERIC COMPOSITES

From Lab to Industry

webinar

30 out '25

12:00

Audience: Mould manufacturers, plastics transformers, and academic researchers

We are pleased to invite you to an insightful webinar titled “Advanced Polymeric Composites: From Lab to Industry”, presented by Dr. Denis Rodrigue, Full Professor in the Department of Chemical Engineering at Université Laval, Canada.

In today’s rapidly evolving materials landscape, polymeric composites are at the forefront of innovation offering lightweight, high-performance, and sustainable solutions across diverse industrial sectors. This webinar will explore the latest advances in polymeric composite materials, highlighting the critical bridge between fundamental research and real-world industrial applications.

Drawing on his extensive expertise in polymer rheology, composite processing, and recycling, Dr. Rodrigue will discuss current challenges and opportunities in transforming laboratory-scale developments into viable industrial technologies. Participants will gain valuable insights into the characterization, modelling, and performance optimization of polymer foams and composites, knowledge particularly relevant to mould manufacturers, plastics processors, and materials engineers seeking to enhance their production capabilities and sustainability strategies.

guest speaker



Denis Rodrigue

Dr. Denis Rodrigue earned his B.Sc. (1991) and Ph.D. (1996) in Chemical Engineering from the Université de Sherbrooke (Canada), specializing in non-Newtonian fluid mechanics. Since joining Université Laval in 1996, he has built an impressive international academic and research career, serving as an invited professor in Mexico, Germany, Spain, China, Poland, and France. His research focuses on the morphological, mechanical, thermal, and rheological properties of polymer foams and composites derived from thermoplastics and elastomers, with a special emphasis on polymer recycling and sustainable materials. Dr. Rodrigue is also an active contributor to the scientific community as co-editor of Current Applied Polymer Science, Recycling, and the Journal of Green Construction and Technology, and as a member of the editorial boards of Biopolymer Applications Journal, Cellular Polymers, and Elastomery.

Join us for this opportunity to learn from one of the leading experts in polymer engineering and discover how cutting-edge research in advanced polymeric composites is shaping the future of industrial innovation and sustainability.



**Free
registration**