

Dr. Michel Dumoulin
Vice-President, Engineering



Dr. Michel Dumoulin is the Vice-President for the NRC's Engineering Division.

He earned a BSc and MSc in chemistry at Université de Montréal, followed by a PhD in chemical engineering at École Polytechnique in Montreal, specializing in polymer rheology and processing.

He has extensive experience in the polymer materials industry, as a research scientist with DuPont Canada Research Centre in Kingston (Ontario, Canada), with Imperial Chemicals Industry in Brussels, Belgium, and finally as R&D Director of ADS Composites in Quebec City.

He was with NRC's Industrial Materials Institute for over 20 years, as a research scientist, research group leader and finally as Director, Advanced Materials Design, leading R&D activities in advanced polymers, composites, metals and ceramics as well as nanomaterials. Dr. Dumoulin went on to be named Executive Director for the Industrial Biomaterials Flagship Program, and then General Manager for Automotive and Surface Transportation at the NRC, where he led major initiatives into advanced manufacturing, lightweighting of vehicles through composites and aluminium technology, electrification of transportation and intelligent transportation systems.

He has co-authored over 120 scientific publications and 6 patents. He has played key roles in creating several multi-partner R&D initiatives in advanced materials and manufacturing, providing NRC's leading edge technology to numerous clients and partners.

Dr. Dumoulin has been involved in numerous professional activities and particularly at the executive level in the Canadian Society of Rheology and Society of Plastics Engineers. He has chaired or played instrumental roles in several leading conferences and symposia such as the International Congress of Rheology and the Polymer Processing Society's International Meeting.