

Anoush Poursartip has worked in composites for over forty years, with a major focus being the development of physics-based computer simulations of the manufacturing process. This work led to the founding of Convergent Manufacturing Technologies in 1998, and in turn the resulting successful application and penetration of this science-based simulation to reduce risk, time, and cost in aerospace manufacturing design led to the 2012 founding of the Composites Research Network (CRN), primarily supported by The Boeing Company and the Canadian Federal Government, with the added goal of supporting Canadian small and medium enterprises. Poursartip's interests have now also broadened into the bigger concept of the digital twin, including the instrumentation and automation of composites factories. Finally, the issue of learning in the digital age affects organization big and small across all sectors. Poursartip, working with colleagues across Canada, started the Composites Knowledge Network (CKN) in 2019, a Networks of Centres of Excellence (NCE) in Knowledge Mobilization, funded by the Canadian Government. Since 2012, CRN and CKN have worked with over 250 Canadian small and medium enterprises. Poursartip is a Fellow of the Canadian Academy of Engineering, a Canada Composites Fellow (CAC SMA), a SAMPE Fellow, and a World Fellow of ICCM. He has received the Medal of Excellence in Composite Materials (University of Delaware CCM) as well as the ASTM Wayne Stinchcomb Memorial Award.