

Bart Peeters

Bart Peeters was born in Bonheiden, Belgium, in September 1974. He is married and father of three daughters. Currently, he is a Manufacturing Technologist at Bayer Agriculture, legacy Monsanto, where he has been working since 1998. He first served as a Process Improvement Engineer at Eastman's PVB polymer manufacturing plant on site, till 2004. Since then, he has been working at the environmental department of the company, with particular responsibilities in improving the wastewater treatment plant and the combined sludge



centrifuge-dryer installation. Peeters obtained a Six Sigma Green Belt (2004) and Black Belt (2006) certificate from Stanwick (Merelbeke) and in 2006 he followed an additional training of Master Black Belt at SigmaPro (St-Louis). He has extensive experience in optimizing industrial processes – including decanter centrifuges in the manufacturing of polymers and crystals and the dewatering of sludge - by means of advanced data analysis from designed lab-, pilot- and full-scale tests. In April 2007, he was appointed the title of Technology Specialist by the Monsanto Manufacturing Director. One year later, in July 2008, he won exceptionally a Manufacturing Distinction Award, in recognition by the Monsanto Global Manufacturing Team for his optimization work on the wastewater treatment plant. While working at Bayer, legacy Monsanto, he obtained in 2011 his Ph.D. in Engineering from the KU Leuven (Belgium) on the research topic "*Effect of activated sludge composition on its dewaterability and sticky phase*". Prior to that, he received in 1998 his Master of Science in Chemical Engineering from the KU Leuven, plus his Master in Engineering Technology: Biochemistry in 1996 from the university college De Nayer. He is the author of 20 papers in scientific journals, technical magazines and international conferences. Over the last ten years he has given more than 25 lectures at universities (KU Leuven, VUB, UAntwerp, UGent, De Nayer) and knowledge centers (including The Filtration Society in Chester, UK, and the World Forum for Crystallization, Filtration & Drying in Mumbai, India).