Industrial software development for Smart Manufacturing

The 4th industrial revolution is the world that software technology connects real industry to the virtual world. Professor Kim will talk about the industrial software development experience like as virtual machining and CAM software which is the platform of smart manufacturing. An NC machining and tool path generation research of a PhD student at KAIST met experiences of an industrial expert and improved to commercial NC machining simulation and cutting condition optimization software NCBrain used by 1,700 companies including Samsung, Hyundia and Toyoda. The research industry collaboration also created smart machine tools in 2012 and intelligent automatic CAM software in 2017 and now competes to survive in the world market.