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Boeing/K2E (Kindergarten to Employment) Project

Abstract

Georgia Tech Integrated Product Life-Engineering (IPLE) Laboratory has been invited to join the Kindergarten to Employment (K2E) initiative by Boeing and Dassault Systemes, as the lead university based on their focus on Product Lifecycle Engineering (PLE) supported by Product Lifecycle Management (PLM). An initial contract has been awarded to develop the necessary digital support environment and to introduce PLM into its graduate and undergraduate aerospace systems design courses, as well as to prepare a professional education certificate program. The title of the certificate program is Integrated Design & Manufacturing (IDM) through PLM and will consist of three integrated courses. In addition, the Georgia Tech IPLE Laboratory has been supporting high school and middle school summer camps, where the students are introduced to 3-D visualization tools, such as the Dassault Systemes products - CATIA, SolidWorks, and Cosmic Blobs.