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Bio

Julie Charland is strongly involved in the field of ergonomics since 1994. Her Master's degree in Kinanthropology (ergonomics/biomechanics) as allowed her to specialize in applied research in ergonomics. The research in which she participated as well as her work experience has giving her exposure to many different problems and solutions associated with work places. Her knowledge in Ergonomics and Biomechanics led her to the Dassault Systèmes Virtual Ergonomics Solution Team in 1999 where she started as an aerospace account manager for the first 8 years and where she is now managing the WW Industry Solutions & Consulting team for Virtual Ergonomics.

Abstract

In a world where performance and quality rhymes with success, time becomes a key factor to achieve digital manufacturing objectives. This session on Dassault Systèmes Virtual Ergonomics will cover 2 main topics: 1- an outline of the main factors that plays a role in lowering the Human simulation creation time and 2- an overview of the main ergonomics analysis to perform in order to ensure proper standards / guidelines compliance. We welcome industrial engineers, manufacturing engineers, process designer, ergonomist, human factors specialist as well as anyone that is related to ergonomics and Human Factors reality.



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