

**THE CONCORDIA INSTITUTE FOR INFORMATION SYSTEMS ENGINEERING  
IS PLEASED TO PRESENT THE FOLLOWING GUEST LECTURE IN  
OUR CIISE DISTINGUISHED SEMINAR SERIES**

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**Mr. Stephen P. Jones**

Senior Engineering Specialist, Bombardier Aerospace

**A PD Engineer's Response, from the Far Side of Quality**

I will discuss the following two white papers and present a response to one or both of these papers, from the perspective of a Product Development (PD) Engineer with 34yrs+ experience in the Aerospace and Defense industry will be presented. First, I will describe the context in which I have most of my professional experience with PD process modelling (i.e. implementing organizational excellence programs). Then I will respond to the key assertions and recommendations made by the authors of the paper(s), drawing upon examples from my own experiences. Audience is encouraged to dig more deeply into the ideas presented in these papers, and perhaps to take it even further.

*Key Concepts in Modeling Product Development Processes*

Tyson R. Browning, Ernst Fricke, and Herbert Negele2  
Systems Engineering, Vol. 9, No. 2, 2006

*The Many Views of a Process: Toward a Process Architecture Framework for Product Development Processes*

Tyson R. Browning  
Systems Engineering Vol. 12, No. 1, 2009

**Biography:** Mr. Stephen P. Jones is a Senior Engineering Specialist in the Product Development System, Continuous Improvement group at Bombardier Aerospace, with thirty -four (34) years' experience as a Product Development (PD) Engineer in the Aerospace and Defence industry. In the course of his career, he has worked in R&D, Design, Test, and Customer Support, sometimes as a PD Engineer and sometimes as a PD Engineering Manager. In the past ten years, in addition to his "day job" as a PD Engineer - a Lean/Six-Sigma Black Belt, he also served as a consultant in TQM, and an Organizational Excellence program coordinator. Stephen is a very passionate advocate of continuous process improvement and particularly intrigued by the significant challenges often involved in persuading his fellow PD practitioners to embrace the tools and concepts of "Standard Work". It is this particular fascination that has most strongly influenced his personal career choices, and it continues to drive him relentlessly, day after day.

**Thursday, March 24, 2011**

**16:00 – 17:00**

