



**Topic: Feature-based Product Line Engineering
*PLE for the Enterprise***

Presenter: Dr. Charles W. Krueger, *Founder and CEO, BigLever Software*

Date: Thursday, September 21, 2017

**Agenda: 6:00-6:30 p.m. CT – Dinner & Networking
6:30-6:45 p.m. CT – Introductions & Announcements
6:45-8:00 p.m. CT – Presentation and Q&A**

Abstract

Feature-based Product Line Engineering (PLE) is a game-changing paradigm for addressing systems engineering complexity by dramatically simplifying the creation, delivery, maintenance, and evolution of a product line portfolio. It provides a holistic, unified view into the feature variations for a product family and eliminates the need for different variant management mechanisms across the organization. This webinar will explore the *feature ontology* behind Feature-based PLE that provides structure to the myriad distinguishing characteristics among products in a product line, enabling their efficient management and targeted usage by stakeholders throughout the enterprise. Case studies will be presented to spotlight how some of the world's largest forward-thinking organizations are leveraging Feature-based PLE to engineer their competitive advantage through order-of-magnitude improvements in productivity, time-to-market, portfolio scalability, and product quality. The presentation will also provide insight into INCOSE's ISO PLE standards initiative currently underway.

About Our Speaker

Dr. Charles Krueger is the founder and CEO of BigLever Software, the long-standing leader in the Product Line Engineering (PLE) field. With more than 30 years of experience in systems and software engineering practice, Dr. Krueger is a premier speaker, widely published author, and acknowledged thought leader in the PLE arena. Through active involvement in key industry events and organizations, he brings innovative PLE concepts, state-of-the-art methodologies, and success stories to the forefront of the systems and software engineering community. Dr. Krueger has proven expertise in leading commercial product line development teams, and helping some of the world's largest forward-thinking organizations establish leading-edge PLE practices across a spectrum of industries including automotive, aerospace, defense, aviation, alternative energy, e-commerce, and computer systems. He received his PhD in computer science from Carnegie Mellon University, where he helped to pioneer the field of systems and software product line engineering.

Questions?: For more information, go to <http://www.incose.org/Chicagoland/>.

INCOSE Chicagoland September 2017 Meeting



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Attend Live Online:

Beginning at 6:30 PM

<https://incose.pgimeet.com/GlobalmeetTen>

Access Number: **1-719-325-2630**

Guest Passcode: **276 911 7588**

Physical Sites



IBM, 10 N. Martindale
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3rd Floor Conference Room



BB7, 5407 Fen Oak Dr.
Madison, WI 53718
Mendota Conference Room



Design Integrity
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