



### *Brief Biography*

## **Craig Rieger, PhD, PE**

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Craig Rieger, PhD, PE, is the Chief Control Systems Research Engineer and a Directorate Fellow at the Idaho National Laboratory (INL), pioneering interdisciplinary research in the area of next generation [resilient control systems](#). The grand challenge provided an integrated research strategy to address the cognitive, cyber-physical challenges of complex control systems into self-aware, trust-confirming, and threat-resilient architectures.

In addition, he has organized and chaired thirteen co-sponsored [symposia](#) and one National Science Foundation [workshop](#) in this new research area, and authored more than 45 peer-reviewed publications.

Craig received B.S. and M.S. degrees in Chemical Engineering from Montana State University in 1983 and 1985, respectively, and a PhD in Engineering and Applied Science from Idaho State University in 2008. Craig's PhD coursework and dissertation focused on measurements and control, with specific application to intelligent, supervisory ventilation controls for critical infrastructure.

Craig is a senior member of IEEE, and has 20 years of software and hardware design experience for process control system upgrades and new installations. Craig has also been a supervisor and technical lead for control systems engineering groups having design, configuration management, and security responsibilities for several INL nuclear facilities and various control system architectures.