11th International Workshop on the Application of FPGAs in Nuclear Power Plants

Workshop Discussion on Use of Diversity in FPGA-Based Systems

Mark Burzynski
Chief Executive Officer

October 8-11, 2018
Dallas, Texas, USA

Sun *port*
Connecting Forward

Sun *port*

Are there any CCF vulnerabilities that are unique or different for FPGAs?

What tools/processes have been used to determine or measure diversity effectiveness?

What areas of the FPGA development process is most vulnerable for introduction of CCF? What measures are taken to reduce or eliminate these vulnerabilities?

What are the benefits of various FPGA-based diversity strategies?

Are other FPGA-technology aspects (e.g., finite state machines and functional segregation) important adjuncts to diversity strategies?

Sun *port*
Connecting Forward

www.sunport.ch

Thank you all for your participation

SunPort SA

LaCite Business Nucleus Avenue
De l'Universite 24 CH-1005
Lausanne, Switzerland
t: +41 213 123 901