

Curricula Vitae: Patrick Bong

Teaching Experience

USPAS, Austin TX, January 2012
Instructor – Controlling Risks: Safety Systems

Papers

Guest speaker at the 2020 Accelerator Safety Workshop, Argonne hosted Zoom virtual workshop
"Single Safety PLC Programming"

Member ANSI/HPS N13.00 Working Group

ANSI/HPS N43.2, Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment

Contributing author to Barat, Ken. Laser Safety Practical Knowledge and Solutions. IOP, 2017

Chapter 17, "Elements and considerations in designing and/or selecting a room interlock system"

Guest speaker at the 2017 Accelerator Safety Workshop, Jefferson Lab, Newport News VA

"Software Specification and Configuration Management"

"Software Specification and Reuse"

Guest speaker at the 2015 Accelerator Safety Workshop, Brookhaven National Lab, Upton NY

"Managing Accelerator Interlock Systems, A Contractor Assurance Perspective"

Guest speaker at the 2014 Accelerator Safety Workshop, DOE Headquarters, Germantown MD

"Interlock Systems, Shaping the Review Process"

Guest speaker at the 2011 Accelerator Safety Workshop, Argonne National Laboratory, Lemont IL

"Best Practices, LBNL Interlock Program"

Poster presented at ICALEPCS 2009, Kobe, Japan

"LCLS Personnel Protection System Architecture"

Guest speaker at the 2008 Accelerator Safety Workshop, Jefferson Lab, Newport News VA

"LCLS Injector PPS Software Configuration Failure"

Paper presented at the LCLS Lehman Review, 2005

"LCLS Personnel Protection System"

Paper presented at LINAC '96

"Status and Results from the Next Linear Collider Test Accelerator"

Societies

International System Safety Society, member

Benevolent and Protective Order of Elks, Exalted Ruler 2019-2020