

1. Record Nr.	UNINA9910253979703321
Titolo	Nuclear Power Plants: Innovative Technologies for Instrumentation and Control Systems : International Symposium on Software Reliability, Industrial Safety, Cyber Security and Physical Protection of Nuclear Power Plant // edited by Yang Xu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-3361-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (IX, 224 p. 80 illus.)
Collana	Lecture Notes in Electrical Engineering, , 1876-1100 ; ; 400
Disciplina	621.4835
Soggetti	Nuclear energy Quality control Reliability Industrial safety Computer security Physical measurements Measurement Radiation protection Radiation—Safety measures Nuclear Energy Quality Control, Reliability, Safety and Risk Systems and Data Security Measurement Science and Instrumentation Effects of Radiation/Radiation Protection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Software reliability -- Industrial Safety -- Cyber Security -- Physical Protection -- Testing and Verification.
Sommario/riassunto	These proceedings present the latest information on software reliability, industrial safety, cyber security, physical protection, testing and verification for nuclear power plants. The papers were selected from more than 80 submissions and presented at the First International Symposium on Software Reliability, Industrial Safety, Cyber Security and

Physical Protection for Nuclear Power Plants, held in Shanghai, China on December 10–14, 2015. The primary aim of this symposium was to provide a platform to facilitate the discussion for comprehension, application and management of digital instrumentation, control systems and technologies in nuclear power plants. The book reflects not only the state of the art and latest trends in nuclear instrumentation and control system technologies, but also China's increasing influence in this area. It is a valuable resource for both practitioners and academics working in the field of nuclear instrumentation, control systems and other safety-critical systems, as well as nuclear power plant managers, public officials and regulatory authorities.
