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Proceedings of Nuclear Plant Instrumentation and Control & Human-Machine Interface Technology (NPIC&HMIT 2025)

1 Fusing Minds and Atoms: Synergy of Nuclear Technology and Artificial Intelligence

3 Autonomous Control and Operation of Nuclear Reactors: I

4 The Automatic Reactor Control System (ARCS) Upgrade, Version 2.0 for TREAT—*Benjamin Baker (INL), Andrew Heim (INL), Jacob Hansen (INL), Kirby Hanson (INL), Benjamin Chase (INL)*

10 Towards An FPGA Asynchronous Motor V/f Control Applied on Safety Functions for Nuclear Systems—*Eduardo Couto Montenegro (EDF), Melha Bitam (EDF R&D), Youcef Mekahlia (EDF R&D)*

20 Demonstration of Methodology for Advanced Autonomous Control in Flexible Power Operation of Multi-Unit SMRs—*Brendan Kochunas (Univ. Michigan), Qicang Shen (Univ. Michigan), Jamie Coble (Univ. Tennessee, Knoxville), Ben Lindley (University of Wisconsin Madison)*

30 A Study on Co-Existing Heterogeneous Wireless Networks for Data Transmission within a Nuclear Facility—*S.A. Mahmud (Univ. Utah), I. Nasim (INL), V. Agarwal (INL), S. Kasera (Univ. Utah), M. Ji (Univ. Utah)*

40 Enhancing Autonomous Control of Microreactors Using Multi-Agent Reinforcement Learning—*Leo Tunkle (Univ. Michigan), Kamal Abdulraheem (Univ. Michigan), Linyu Lin (INL), Majdi I. Radaideh (Univ. Michigan)*

50 Mitigating Error Dependency with Hybrid System Operation: Quantifying Human Reliability Analysis—*Zeth duBois (University of Idaho), Roger Lew (University of Idaho), Anna C. Hall (INL), Ronald L. Boring (INL)*

61 Cybersecurity in I&C

62 Regulatory Challenges and Potential Path Forward for Integrating Advanced Cybersecurity in Nuclear Reactors—*Fraser Dougall (Sandia), Titus Gray (Sandia), Benjamin Karch (Sandia), Michael T. Rowland (Sandia)*

68 On the Control of Nonlinear Systems Using DIOD—*Tyler Lewis (Purdue Univ.), Hany S. Abdel-Khalik (Purdue Univ.)*

77 Development of a Physical Reactor Loop Testbed for Cybersecurity—*Max Goddard (Georgia Tech), Jacob Faile (Georgia Institute of Technology), Jackson Stahl (Georgia Institute of Technology)*

85 A QRNG-Based Quantum Cryptography Testbed for Secure Nuclear Reactor Monitoring—*Konstantinos Gkouliaras (Purdue Univ.), Vasileios Theos (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

94 Implementing Complementary Defensive Strategies in Defensive Cybersecurity Architectures—*Lee T. Maccarone (Sandia National Laboratories), Jenna deCastro (Sandia National Laboratories), Michael T. Rowland (Sandia National Laboratories)*

104 Integrity Enhancing Protocols: Performance and Recommendations for Nuclear Systems—*Romuald Valme (Sandia), Adam Beauchaine (Sandia), Minami Tanaka (Sandia), Chris Lamb (Sandia)*

115 Digital Twins and Their Applications: I

116 From Simulation to Degradation Estimation: A Digital Twin Case Study of Feedwater Heater—*Yeni Li (ANL), Akshay J. Dave (ANL), Thomas W. Elmer (ANL), Richard B. Vilim (ANL)*

126 Heat Pipe CFD Model Validation & Data Generation Strategy to Aid Real-Time Prediction with Neural Operators—*Jack Gerrity (Univ. Illinois, Urbana-Champaign), Arnav Goyal (Univ. Illinois, Urbana-Champaign), Logan Schultz (Univ. Illinois, Urbana-Champaign), Farid Ahmed (Univ. Illinois, Urbana-Champaign), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

136 Implementation and Demonstration of the Digital-Twin Certification System Remote-Operations Framework—*Joseph Oncken (INL), Thomas Ulrich (INL), Jack Cavaluzzi (INL)*

148 Securing SDN-Based Advanced Reactors Against DDoS Attacks Using Quantum-Inspired Ensemble Models—*Jahangir Alam (UTEP), Ismail Hossain (UTEP), Sai Puppala (National Center for Supercomputing Applications), Kazuma Kobayashi (National Center for Supercomputing Applications), Samrendra Roy (National Center for Supercomputing Applications), Syed Bahauddin Alam (UIUC), Sajedul Talukder (UTEP)*

158 Digital Controls and Simulation Driven Digital Twins—*Robert T. England (Curtiss-Wright Nuclear Division)*

159 Risk-Informed Graded Approach for Reliability and Performance Assessment of Sensor and Instrumentation Systems Within Advanced Condition Monitoring Technologies—*Edward Chen (INL), Vaibhav Yadav (INL), Vivek Agarwal (INL)*

169 HF for Cybersecurity, Computerized Procedures, and Digital Instructions

170 Computerized Procedures Among Older Adults: Findings from the Rancor Microworld Simulator—*Anna Hall (INL), Michelle Velazquez (Idaho State), Jisuk Kim (INL), Ronald L. Boring (INL), Roger Lew (University of Idaho), Thomas A. Ulrich (INL), Zeth Dubois (University of Idaho)*

179 High-Fidelity Cyber Security Experiments for Distributed Heterogeneous Teams: Current Capabilities and Future Plans in Halden—*J.E. Simensen (Institute for Energy Technology), E. Nystad (Institute for Energy Technology), N. Lau (Virginia Tech), R. McDonald (Institute for Energy Technology), D. Odeon (Institute for Energy Technology)*

189 Uncertainty and Discomfort in the Control Room: An Exploratory Simulator Study of the Conditions for Continued Operation During a Cyberattack—*E. Nystad (OECD NEA Halden HTO Project), J.E. Simensen (OECD NEA Halden HTO Project), R. McDonald (OECD NEA Halden HTO Project), D. Odéen (OECD NEA Halden HTO Project)*

199 Rancor Integrated Procedure System (RIPS): A Computer-Based Procedure Platform for Advanced Reactor Research—*Ronald L. Boring (INL), Roger Lew (University of Idaho), Thomas A. Ulrich (INL)*

209 A Datacentric Approach Applied to Nuclear Power Plant Control Room Procedures Writing and Performing—*Maxime Neyret (EDF Research and Development), Eduardo Couto Montenegro (EDF Research and Development), Laurence Picci (EDF Research and Development)*

219 Human Factors Management for Cybersecurity in Nuclear Facilities—*Innocent Omale Ocheme (Nigeria Atomic Energy Commission (NAEC))*

226 Advanced Reactors Instrumentation: Challenges and Opportunities

227 Considerations for HFE Activities: Function Allocation and Verification and Validation

228 Assessing Independence from Human Performance: Considerations for Functional Requirements Analysis and Function Allocation—*Brian Green (U.S. Nuclear Regulatory Commission), Theresa Buchanan (U.S. Nuclear Regulatory Commission), Amy D'Agostino (U.S. Nuclear Regulatory Commission)*

236 Function Allocation: Myths, Process, and Emerging Methods—*K. Dickerson (U.S. Nuclear Regulatory Commission), H. Watkins (U.S. Nuclear Regulatory Commission), B. Hartle (U.S. Nuclear Regulatory Commission), C. Kovesci (INL)*

245 Revisiting Functional Requirements Analysis and Function Allocation to Support Automation Decisions in Advanced Reactor Designs—*Stephanie Morrow (U.S. Nuclear Regulatory Commission), Jing Xing (U.S. Nuclear Regulatory Commission), Nia Hughes Green (U.S. Nuclear Regulatory Commission)*

255 Qualitative Methods in Formative Verification & Validation: Evaluating ConOps for LWR Thermal Dispatch—*Roger Lew (University of Idaho), Olugbenga Gideon (University of Idaho), Thomas Ulrich (INL)*

264 Integrated System Validation for Beyond-Design-Basis Events and Severe Accidents in the Operating License Process: A Case of the Saeul 3 and 4 Nuclear Power Plants in Korea—*Dhonghoon Lee (Korea Institute of Nuclear Safety), Jiyoon Han (Korea Institute of Nuclear Safety)*

272 Human Factors Engineering in Nuclear Safety Assessment—*Jari Laarni (VTT Technical Research Centre of Finland), Marja Liinasuo (VTT Technical Research Centre of Finland), Hanna Koskinen (VTT Technical Research Centre of Finland), Atte Helminen (VTT Technical Research Centre of Finland), Essi Immonen (VTT Technical Research Centre of Finland), Joonas Linnosmaa (VTT Technical Research Centre of Finland)*

283 **Next-Gen Nuclear: Bridging Expertise with Digital Innovations**

285 **Advanced Surveillance, Online Monitoring, Diagnostics, and Prognostics: I**

286 Automating Anomaly Detection for Target Systems at Spallation Neutron Source—*Anant Raj (ORNL), Xingang Zhao (Univ. Tennessee, Knoxville), Drew Winder (ORNL), Bryan Maldonado (ORNL), Allie Morris (ORNL), Willem Blokland (ORNL), Pradeep Ramuhalli (ORNL)*

296 Digital Twin Driven Nuclear Power Plant Health Monitoring, Diagnostics and Prognostics—*Deepak Haste (Qualtech Systems, Inc.), Sudipto Ghoshal (Qualtech Systems, Inc.), Jonathan Caleb Hudson (Qualtech Systems, Inc.), Christopher Michael Norton (Qualtech Systems, Inc.), Jamie Coble (Univ. Tennessee), Vivek Agarwal (INL), Andrew Hess (Hess PHM Group)*

306 Introduction of Key Features of Technical Specifications Operator Support System—*Nokyu Seong (Korea Hydro Nuclear Power Central Research Institute), Jaehee Lee (Korea Hydro Nuclear Power Central Research Institute)*

313 Detecting Process Equipment Failures Using Acoustic Data and Machine Learning—*Jacob A. Farber (INL), Ahmad Y. Al Rashdan (INL)*

319 General Trends Observed in Reactor Power Distribution Synthesis with a Response Function-Based Approach—*Anthony Birri (ORNL), K.C. Goetz (ORNL), N. Dianne Bull Ezell (ORNL)*

329 **HF Considerations for Artificial Intelligence and Machine Learning Systems**

330 Trustworthiness and Trust: Identifying Factors that Drive Successful Human-AI Interaction in Nuclear Power Plant Applications—*Yusuke Yamani (Old Dominion University), Austin Jackson (Old Dominion University), Casey Kovesdi (INL), Jeffrey Joe (INL), Jeremy Mohon (INL)*

340 Ensuring Safe, Effective, and Reliable Use of Artificial Intelligence-Based Applications for Nuclear Electricity Generation Through a Systems Approach—*Casey Kovesdi (INL), Jeffrey Joe (INL), Jeremy Mohon (INL), Brian Wilcken (INL), John Mapes (INL), Linyu Lin (INL), Vivek Agarwal (INL)*

350 Heuristic Evaluation Methods Applied to a Predictive Maintenance Chatbot—*Jeremy Mohon (INL), Casey Kovesdi (INL), Linyu Lin (INL), Jeffrey Joe (INL)*

360 Development of Large Language Model-Based Human-System Interaction System for Nuclear Power Plant Operation Support—*Seung Geun Kim (Korea Atomic Energy Research Institute), Joowon Cha (Korea Atomic Energy Research Institute), Yoonpyo Lee (Korea Atomic Energy Research Institute), Yonggyun Yu (Korea Atomic Energy Research Institute)*

370 Human Factors Evaluation of a Machine Learning-Based Predictive Maintenance User Interface—*Rachael Hill (INL), Anna Hall (INL), Ronald Boring (INL), Vivek Agarwal (INL), Cody Walker (SERVICE Engineering Company), Linyu Lin (INL), Nancy Lybeck (INL)*

381 **Autonomous Control and Operation of Nuclear Reactors: II**

382 A Risk-Informed Approach to Trustworthiness Assessment in Digital Twins-Based Autonomous Control—*Nicholas Cittadino (NCSU), Paridhi Athre (NCSU), Linyu Lin (INL), Nam Dinh (NCSU)*

392 Microreactor Load-Following Reactivity Control with a Second-Order Sliding Mode Control—*Kamal K. Abdulraheem (Univ. Michigan), Sooyoung Choi (Univ. Michigan), Qicang Shen (Univ. Michigan), Brendan Kochunas (Univ. Michigan), Majdi I. Radaideh (Univ. Michigan)*

402 Microreactor Automated Control System Test Bed Digital Architecture for Real-Time, Hardware-in-the-Loop Simulation—*Jono McConnell (ORNL), Pradeep Ramuhalli (ORNL), Wesley Williams (ORNL), Andrew Heim (INL)*

412 Predicting Reactor Response to Control Actions for Autonomous Operation Using AI/ML—*Zachery Dahn (Purdue Univ.), Konstantinos Vasili (Purdue Univ.), William Richards (Purdue Univ.), Konstantinos Gkouliaras (Purdue Univ.), Vasileos Theos (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

422 Development of a Supervisory Control System as a Transition Technology Towards Autonomy in Plant Operations—*L. Fortier (MIT), S. Cetiner (INL)*

433 **Digital Twins and Their Applications: II**

434 Forecasting Process Output Using Machine Learning Surrogates and Digital Twin—*Mikko Seppi (VTT Technical Research Centre of Finland), Joonas Linnosmaa (VTT Technical Research Centre of Finland), Akhtar Zeb (VTT Technical Research Centre of Finland)*

444 Proactive Cybersecurity Framework for Nuclear Power Plants Using Quantum Large Language Models—*Ismail Hossain (UTEP), Jahangir Alam (UTEP), Sai Puppala (National Center for Supercomputing Applications), Kazuma Kobayashi (National Center for Supercomputing Applications), Samrendra Roy (National Center for Supercomputing Applications), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (UTEP)*

454 Development and Demonstration of an AI-Assisted Digital Twin Framework for Remote Monitoring and Control of Advanced Small-Scale Reactors—*Zavier Ndum Ndum (TAMU), Doyeong Lim (TAMU), Jian Tao (TAMU), John Ford (TAMU), Simon Adu (TAMU), Yassin Hassan (TAMU), Yang Liu (TAMU)*

464 Development and Analysis of a Real-Time Digital Twin system in PUR-1—*V. Theos (Purdue Univ.), K. Gkouliaras (Purdue Univ.), S. Chatzidakis (Purdue Univ.)*

474 Development of a Discrepancy Checker for the Digital Twin in a Supervisory Control System for a Thermal Energy Delivery System—*Linyu Lin (INL), Junyung Kim (INL), Jack Cavaluzzi (INL), Nicholas Cittadino (NCSU)*

483 Navigating Change: Young Engineers Shaping the Future of Nuclear Industry

485 Transforming the Nuclear Industry: A Human Factors Perspective

486 Adapting the Nuclear Industry to an Ageing Workforce—*Grace Routledge (Assystem)*

495 Modernizing the Nuclear Industry and New Ways of Working—*Zachary Spielman (INL), Asgeir Drøivoldsmo (Institute for Energy Technology), Trond Lilleng (Institute for Energy Technology), Jason Remer (INL)*

504 Digital Transformation for the Existing Fleet: Where to Start?—*Anna Hall (INL), Michelle Velazquez (Idaho State Univ.), Ryan Spangler (INL), Patrick Murray (EQRPI Inc), Zachary Spielman (INL), Jeffrey Joe (INL)*

514 Development of a Human Factors Engineering Maturity Method for the Nuclear Domain—*Jari Laarni (VTT Technical Research Centre of Finland)*

524 Principles Emerging from Control Room Modernization Planning—*Stephen J. Kenney (BCP Engineers & Consultants), Tyrone S. Tonkinson (NA)*

533 Student Competition Papers

534 Digital Twin Architecture for Cybersecurity Incident Response in Instrumentation and Control Systems—*David Allison (AIT Austrian Institute of Technology GmbH), Paul Smith (Lancaster University), Kieran McLaughlin (Queen's University Belfast)*

544 Metric Learning-based Abnormal Event Diagnosis for Applicability in Nuclear Power Plants—*Seung Gyu Cho (Ulsan Nat'l Institute Science and Technology), Seung Jun Lee (Ulsan Nat'l Institute Science and Technology)*

554 Prediction of Major Variables in Emergency and Severe Accidents Using Dilated TCN with Uncertainty Quantification—*Min Seon Kim (Chosun Univ.), Ji Hun Park (Chosun Univ.), Man Gyun Na (Chosun Univ.)*

563 Employing a Hardware-in-the-Loop Approach to Realize a Fully Homomorphic Encrypted Controller for a Small Modular Advanced High Temperature Reactor—*Robert S. Lois (Univ. Pittsburgh), Patrick Murphy (Univ. Pittsburgh), Dane Sabo (Univ. Pittsburgh), Luis Felipe Benitez (Univ. Pittsburgh), Daniel G. Cole (Univ. Pittsburgh)*

573 A MEMS-Based Nitrogen Sensor for Early Detection of Spent Nuclear Fuel Canister Failures—*Haythem Draoui (Loughborough University), Zhengliang Fang (Loughborough University), Stephanos Theodossiades (Loughborough University), Antonio Di Buono (National Nuclear Laboratory), Amal Z. Hajjaj (Loughborough University)*

582 Taxonomies of Levels of Automation for Nuclear Power Plants Based on Operational Conditions—*Huijeong Kim (KAIST), Jonghyun Kim (KAIST)*

592 Leveraging Machine Learning Techniques for Health Monitoring of Nuclear Systems: A Case Study Using Real Plant Data from Surry Power Station—*Ahmed Mohamed (Dominion Energy), Ibrahim Tansel (Florida International University), Sabri Tosunoglu (Florida International University)*

603 Advanced Surveillance, Online Monitoring, Diagnostics, and Prognostics: II

604 Discovering Multidimensional Time Series Anomalies of a Circulating Water System—*C. Wang (INL), D. Mandelli (INL), C.M. Godbole (INL), V. Agarwal (INL), M. Movassat (Ontario Power Generation), B. Mori (Ontario Power Generation), D. Liang (Ontario Power Generation), E. Nur (Ontario Power Generation), A. Birjandi (Ontario Power Generation), B. Lobo (Ontario Power Generation), N. Jacome (Ontario Power Generation)*

613 Investigation of the Performance and Explainability Tradeoffs for Machine-Learning Models for Predictive Maintenance of Circulating Water Systems in Nuclear Power Plants—*Linyu Lin (INL), Vivek Agarwal (INL)*

621 Methods for Crediting On-Line Monitoring and Diagnostic Capabilities in Extending and Eliminating Surveillances Digital Safety System Technical Specifications—*Ron Jarrett (Paragon Energy Solutions), Edward L. Quinn (Paragon Energy Solutions)*

631 I&C Operational Data Reviews for Performance Based Design - Methodology Description and Lessons Learned After Application—*Cristina Corrales (EPRI), Neil Archambo (Archambo Engineering and Consulting PLLC), Matt Gibson (EPRI)*

632 Digital I&C Component Templates for EPRI's PMBD—*Christina Novgoratz (EPRI)*

633 Cybersecurity in Radiation Systems

634 Cyber-Physical Security Risk Assessment of OT Systems—*Jianghai Li (Tsinghua Univ.), Boyuan Li (Tsinghua Univ.), Lei Mao (Shanghai Nuclear Engineering Research & Design Institute)*

641 Cybersecurity Risks in Radiation Detection: A Proof-of-Concept Attack—*Michael Doran (Georgia Tech), Johan Gouws (Georgia Institute of Technology), Sharmistha Mukhopadhyay (Georgia Institute of Technology), Fan Zhang (Georgia Institute of Technology)*

651 Securing Radiation Detection Systems with an Efficient TinyML-Based IDS for Edge Devices—*Einstein Rivas Pizarro (Ontario Tech Univ.), Wajih Zaheer (Ontario Tech Univ.), Li Yang (Ontario Tech Univ.), Khalil El-Khatib (Ontario Tech Univ.), Glenn Harvel (Ontario Tech Univ.)*

662 Outcomes of the IAEA Coordinated Research Project Enhancing Computer Security for Radiation Detection Systems—*Rodney Busquim e Silva (IAEA), Michael T. Rowland (Sandia), Ricardo Paulino Marques (Univ. Sao Paulo), Isabelle Coelho Franco (Univ. Sao Paulo), Jianghai Li (Tsinghua Univ.), Tamas Holzer (Budapest Univ. Technology and Economics), Khalil El-Khatib (Ontario Tech University), Nelson Agbemava (Nuclear Regulatory Authority), I Puta Susila (National Research and Innovation Agency), Jacek Gajewski (National Centre for Nuclear Research), David Allison (Austrian Institute of Technology), Imbaby Mahmoud (Egyptian Atomic Energy Authority), Fan Zhang (Georgia Institute of Technology), José Roberto C. Piqueira (University of Sao Paulo), Greg White (Lawrence Livermore National Laboratory)*

670 Threat Modelling of Radiation Detection Systems—*David Allison (AIT Austrian Institute of Technology GmbH), Jakub Suchorab (National Centre for Nuclear Research Poland), Tamas Holczer (CrySyS Lab, BME), Fan Zhang (Georgia Institute of Technology), I Puta Susila (National Research and Innovation Agency), Imbaby Mahmoud (Egyptian Atomic Energy Authority), Krystian Szefer (National Centre for Nuclear Research Poland)*

679 Cybersecurity in Wireless Technologies

680 Performing Cybersecurity Audits Alongside Digital Instrumentation and Controls Licensing Reviews—*Eric Lee (US Nuclear Regulatory Commission (Retired)), Anya Kim (U.S. Nuclear Regulatory Commission)*

689 Cybersecurity by Design Framework for Wireless Technologies for Safety Functions of Advanced Reactors—*Michael T. Rowland (Sandia), Sheryl I. Drake (Sandia), Minami A. Tanaka (Sandia), John Sladek (CNSC), Ismael Garcia (U.S. Nuclear Regulatory Commission), Rodney Busquim e Silva (IAEA)*

704 Radio Jamming of the Digital Communication Protocols 802.15.4 and WirelessHart—*Michael Breza (Imperial College London), Antonio DiBuono (National Nuclear Laboratory), Julie McCann (Imperial College London)*

714 Wireless Technologies Cybersecurity Evaluation and Testing Framework for Safety Functions—*Michael T. Rowland (Sandia), Sheryl I. Drake (Sandia), Minami A. Tanaka (Sandia), Benjamin Karch (Sandia)*

725 New IEC Technical Report 63486 on Cybersecurity Risk Management at Nuclear Facilities—*Michael T. Rowland (Sandia), Edward L. Quinn (Paragon Energy Solutions), John Sladek (CNSC)*

735 Acceptance of COTS Digital Equipment

737 Operational Experience and Anomaly Detection

738 Secure Anomaly Detection in Advanced Reactor Through Quantum Federated Learning with Advanced Cryptography—*Sai Puppala (Southern Illinois Univ.), Ismail Hossain (Univ. Texas, El Paso), Jahangir Alam (Univ. Texas, El Paso), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Samrendra Roy (National Center for Supercomputing Applications), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (Univ. Texas, El Paso)*

748 Action-Based Prediction for Mitigation Actions in Severe Accident at Nuclear Power Plants—*Hyojin Kim (KAIST), Jonghyun Kim (KAIST)*

758 Lessons Learned from Issues Affecting Radiation Monitors—*Christina Novgoratz (EPRI)*

759 Hardware-Based Reference Signatures—*Jason Castro (EPRI)*

760 MESAC - A Model-Based Approach for the Safety Analysis of Crane Control Systems in Nuclear Power Plants—*Hervé Mbonjo (GRS), Christian Korn (GRS), Patrick Gebhardt (GRS), Jaroslaw Shvab (GRS), Ewgenij Pilugin (GRS)*

770 Cost-Effective Methods of Changing Instrumentation and Control Rooms from Analog to Digital in a Single Outage—*Otto P. Fest (OTEK Corporation)*

775 Diversity, Defense in Depth and Artificial Intelligence

776 Framatome I&C Diversity Strategy - Consideration of Regulator / Plant Specific DiD&D Requirements—*Johannes Pickelmann (Framatome)*

786 Approaches for Defense-in-Depth and Diversity (D3) Analysis for Advanced Reactor Deployment—*Jerry Mauck (Paragon Energy Solutions), Glenn Lang (Paragon Energy Solutions), Michael Howard (Numerical Solutions), Edward L. Quinn (Paragon Energy Solutions)*

793 Proactive Monitoring and Assessment Framework for Mitigation Actions in Nuclear Power Plant Operations—*Ji Hun Park (Chosun University), Min Seon Kim (Chosun University), Man Gyun Na (Chosun University)*

802 AI-Based Condition Diagnosis of Electronic Components for Improving Operational Efficiency of Reactor Protection System—*Ho Jun Lee (Chosun Univ.), Hye Seon Jo (Chosun University), Man Gyun Na (Chosun University)*

812 Quantum Machine Learning (QML) for Enhanced Malware Detection: A Hybrid Approach with Quantum Neural Network (QNN)—*Masrura Tasnim (Clark Atlanta Univ.), Jobair Hossain Faruk (New York Institute of Technology), Kishor Datta Gupta (Clark Atlanta Univ.), Roy George (Clark Atlanta Univ.)*

824 ViBRANT Applied as a Closed Loop Flux and Thermal Surrogate—*Anthony L. Crawford (INL), Andrew Heim (INL), Lisa Moore-McAteer (INL), Joshua Daw (INL), Kevin Tsai (INL), Casey White (INL), Rhett Rovig (INL), Rowdie Shepard (INL)*

832 Recent IAEA Activities on Safety and Security of I&C systems and Innovation to Support Operating Plants

833 I&C Regulations, Standards, and Guidelines: I

834 Adopting CAE: A Deployment Approach for a Performance-Based Nuclear Industry—*Ben Phillips (Adelard, Part of NCC Group), Panayiota Sketsiou (Adelard, Part of NCC Group), Robin Bloomfield (Adelard, Part of NCC Group), Mark Bowell (Office for Nuclear Regulation), Silke Kuball (EDF Nuclear Services)*

844 First of a Kind Use of an Assurance Case in NEI 20-07 to Address Common Cause Failure—*Andrew Nack (Univ. Tennessee, Knoxville), Simon Diemert (Critical Systems Labs Inc.), Alan Campbell (Nuclear Energy Institute)*

853 Modernization Options for Maintaining Independence of Class 1E Circuits—*Franklin Hope (Jensen Hughes), Dane Lovelace (Jensen Hughes)*

861 Use of FPGA Tools for Digital I&C Implementations—*Steve Yang (NuScale Power), Yin Guo (NuScale Power)*

862 Update on C&S Work - Commercial vs. Nuclear Grade Components—*Johannes Pickelmann (Framatome)*

863 IEC Standards for Nuclear Power - Developments and Orientations Within IEC SC45A: Instrumentation, Control and Electrical Power Systems of Nuclear Facilities—*Alexander John Wigg (EDF Technical Direction)*

873 Machine Learning and Artificial Intelligence for Nuclear: I

874 Sequential Deep Operator Network for Time-Series Nuclear System Monitoring—*Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Farid Ahmed (Univ. Illinois, Urbana-Champaign), Samrendra Roy (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (University of Texas El Paso), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

882 A Formal Method for I&C Predictability Based on Timed Colored Petri Nets and Their Formal Series in the Tropical Algebra—*Louis Bal dit Sollier (PRISME, EDF Research and Development), Alain Ourghanlian (PRISME, EDF Research and Development)*

893 Predicting Minute-Level Power Grid Conditions Using Generative Adversarial Networks—*Umme Mahbuba Nabila (Univ. Michigan), Gavin McDuffee (Tennessee Tech University), Xingang Zhao (Univ. Tennessee, Knoxville), William L. Gurecky (ORNL), Pradeep Ramuhalli (ORNL), Majdi I. Radaideh (Univ. Michigan)*

903 Using a Large Language Model for Accurate Technical Language Generation in the Predictive Maintenance of Circulating Water Systems in Nuclear Power Plants—*Linyu Lin (INL), Thomas Reeves (Univ. Southern California), Vivek Agarwal (INL)*

913 Failure Prediction of Electronic Components in Reactor Protection System Using LSTM with MC Dropout Technique—*Hye Seon Jo (Chosun Univ.), Ho Jun Lee (Chosun Univ.), Man Gyun Na (Chosun Univ.)*

923 Safe Use of AI as Part of the Control Loop in Nuclear Facilities—*Rune Winther (Institute for Energy Technology), Sizarta Sarshar (Institute for Energy Technology)*

933 HF Considerations for Small Advanced Reactors and Multi-Unit Operations

934 An Experimental Assessment of Human-System Interface Quality as a Performance Shaping Factor for High-Level Automation and High Passivity in Multi-Module Operation—*Tae Ryoun Kim (KAIST), Jonghyun Kim (KAIST)*

944 Regulatory Basis for the Safety Evaluation of Increased Level of Automation in Relation to the Concept of Multi-Module Integrated MCR Operation—*Sa Kil Kim (KAERI), Young Do Koo (KAERI)*

950 Mode Confusion in Multi-Unit Operation of Small Modular Reactors: Potential Impacts on Operation Safety—*Stephanie Pavao (Univ. New Mexico), Meeko Oishi (Univ. New Mexico), Cassiano R. Endres de Oliveira (Univ. New Mexico)*

960 Towards a Taxonomy of Heterogeneity in the Design of Small Modular Reactors and Implications for Human Performance—*Kingba Lawson-Jack (University of Toronto), Stacey Zoutis (University of Toronto), Davide Gentile (University of Toronto), Greg A. Jamieson (University of Toronto)*

969 The Role of Humans in Digital I&C Events - An Operating Experience Review—*Cristina Corrales (EPRI), Neil Archambo (Archambo Engineering and Consulting PLLC)*

971 Wireless Technologies for Nuclear Facilities

972 Revisiting Reconfigurable Intelligent Surface for Improved Coverage in Nuclear Plants—*Imtiaz Nasim (INL), Vivek Agarwal (INL), Ahmed. S. Ibrahim (Florida Int'l Univ.), Shannon L. Eggers (INL)*

980 Parametric Reliability Analysis of Wireless Monitoring Systems in Star and Single Repeater Topology Using Discrete Event Simulation—*M. McCarthy (Kinectrics AES, Inc.)*

991 Distributed Wireless Remote Sensing in Special Nuclear Material Storage Facilities—*Henry D. Kane (Univ. Manchester), Peter R. Green (Univ. Manchester), Antonio Di Buono (National Nuclear Laboratory), Neil Cockbain (National Nuclear Laboratory)*

1001 Capturing Stakeholder Requirements for Wireless Instrumentation and Control in Advanced Nuclear Technologies: A Survey-Based Approach—*Antonio Di Buono (National Nuclear Laboratory), Ben Carroll (Delkia), Peter Hudson (Delkia)*

1010 Digitisation of NPP I&C Systems via Wireless Technologies—*Dean Yates (Adelard, Part of NCC Group), Peter Bishop (Adelard, Part of NCC Group), Gareth Fletcher (Adelard, Part of NCC Group), Sofia D. Guerra (Adelard, Part of NCC Group), Antonio D. Buono (National Nuclear Laboratory, UK)*

1020 Considerations for Wireless Technology Deployment in the Nuclear Industry—*Chad Kiger (Analysis and Measurement Services Corp.)*

1021 Advanced Reactors on the Horizon: Integrating Diverse Disciplines for Deployment

1023 Cybersecurity in Nuclear Reactors

1024 Examination of the Concepts of Trust and Risk for Cybersecurity at Nuclear Facilities—*Kim Lawson-Jenkins (U.S. Nuclear Regulatory Commission), Anya Kim (U.S. Nuclear Regulatory Commission), Daniel Daszkiewicz (U.S. Nuclear Regulatory Commission)*

1034 Methods for Prioritizing Simulation of Unsafe Control Actions for Cybersecurity Analysis—*Andrew S. Hahn (Sandia), Titus Gray (Sandia), Adam Beauchaine (Sandia), Fraser Dougall (Sandia), Lee Maccarone (Sandia), Michael T. Rowland (Sandia)*

1042 Development of A Vulnerability Management Tool for Advanced Reactors—*Michael Doran (Georgia Tech), Marc Zebrowitz (Georgia Institute of Technology), Fan Zhang (Georgia Institute of Technology)*

1052 Risk-Informed Consequence-Driven Hybrid Cyber-Physical Protection System Security Optimization for MSRE—*Stephen Yoo (Georgia Tech), Carlo Dal Colletto (TAMU), Luis Bustillo (TAMU), Jarred Jordan (Georgia Tech), Martin Graffigna Palomba (Georgia Tech), Karen Vierow Kirkland (TAMU), Fan Zhang (Georgia Tech), Shaheen Dewji (Georgia Tech)*

1061 Progress on the MARVEL Cybersecurity by Design Model-Based Systems Engineering Project—*Shannon Eggers (INL), Kevin O'Rear (INL), Ross Hays (INL), Peter Suyderhoud (INL)*

1071 HF for Novel Concepts of Operations

1072 A Rapid Procedure Development Approach for Multi-Stage Validation of Novel Nuclear Power Plant Systems—*Dylan Jurski (Univ. Florida), Thomas A. Ulrich (INL), Olugbenga Gideon (University of Idaho), Jisuk Kim (INL), Roger Lew (University of Idaho), Stephen Hancock (GSE Solutions), Kelly Dickerson (Nuclear Regulatory Commission), Justin K. Watson (Univ. Florida)*

1080 Important Human Actions for Advanced Reactors: Implications for Human Factors—*Torrey Mortenson (INL), Rachael Hill (INL), Jooyoung Park (INL), Casey Kovesdi (INL), Ronald Boring (INL)*

1088 Characterizing the Human Factors of Offsite Monitoring and Remote Operation for the Nuclear Domain—*Niav Hughes Green (U.S. Nuclear Regulatory Commission), Stephanie Morrow (U.S. Nuclear Regulatory Commission), Torrey Mortenson (Idaho National Laboratories), Jeremy Mohon (Idaho National Laboratories), Casey Kovesdi (Idaho National Laboratories)*

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1108 A Human Factors Based Approach to Design Effective HMIs for Operational Technology Security Operations Centers—*Alexander Amos (Canadian Nuclear Laboratory), Sean Lalla (Canadian Nuclear Laboratory), Rick Bodner (Canadian Nuclear Laboratory), Shivam Pandey (Canadian Nuclear Laboratory)*

1109 Economics and Operation of Reactor Technologies

1110 The Technical, Economic, Risk, and Adoption Assessment for Evaluating Innovation Projects in the Nuclear Industry—*Ryan M. Spangler (INL), Vivek Agarwal (INL)*

1120 Paper Digital I&C Modernization Experience—*J. Pflugbeil (Framatome, Erlangen, Germany), Christine Bürger (Framatome, Erlangen, Germany), R. Heinesch (Framatome, Erlangen, Germany)*

1129 Intelligent Algorithms for Soft Sensing: Current Trends and Future Prospects for Real-Time Digital Twin Systems—*Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Farid Ahmed (Univ. Illinois, Urbana-Champaign), Samrendra Roy (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (University of Texas El Paso), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

1138 Towards a Policy Framework for Semi-Autonomous, Highly Automated, Remotely Operated(SAHARO) Nuclear Reactors—*Aidan Hallinan (MIT)*

1148 Joint Optimization of Nuclear System Inspection and Repair Planning to Reduce Maintenance Cost and Increase System Availability—*Yunfei Zhao (Univ. Maryland), Joseph O'Leary (Univ. Maryland), Mohamed Nassar (Univ. Maryland)*

1158 Licensing of Advanced Reactor Instrumentation and Control

1159 Machine Learning and Artificial Intelligence for Nuclear: II

1160 Knowledge-Driven Explainable AI for Automated Defect Detection in Nuclear Reactor Components—*A. Young (Univ. Strathclyde), J. Zabalza (Univ. Strathclyde), Z. Fei (Univ. Strathclyde), G. West (Univ. Strathclyde), P. Murray (Univ. Strathclyde), S. McArthur (Univ. Strathclyde)*

1170 System-Level Prognostics with Explainable Artificial Intelligence—*Ark Ifeanyi (Univ. Tennessee, Knoxville), Mattia Zanotelli (Univ. Tennessee, Knoxville), Jamie Coble (Univ. Tennessee, Knoxville)*

1180 AI for Interpreting Nuclear Power Plant Documents for Power Uprates—*Norman John Mapes Jr. (INL), Kellen Giraud (INL), Brian Wilcken (INL), Ahmad Al Rashdan (INL), Marcio de Queiroz (INL)*

1188 Proximity-Based Anomaly Detection Using Graph Neural Networks for NPP Abnormal Operations—*Jeonghun Choi (KAERI), Seo Ryong Koo (KAERI)*

1198 Role of Uncertainty Quantification in the Explainability of Large Language Models for the Nuclear Industry—*Nancy J. Lybeck (INL), Vaibhav Yadav (INL), Ronald L. Boring (INL), Vivek Agarwal (INL)*

1207 Simulation and Decision Support

1208 Development of an Integrated Small Modular Reactor Simulator for Cybersecurity and Capacity Building in Advanced Nuclear Technologies—*Rodney Busquim e Silva (IAEA), Michael T. Rowland (Sandia), David Allison (AIT Austrian Institute of Technology), Gustavo Berman (National Atomic Energy Commission), Paul Smith (Lancaster University), Ricardo Paulino Marques (University of Sao Paulo)*

1218 OAPS System - Real Time Predictive System for Flexible Operation of Nuclear Plants—*Eric Corrieri (Framatome), Alain Grossetete (Framatome)*

1219 Development and Applications of APR1400 MMIS Virtualization Simulator for NPP—*Min-seok Kim (Korea Hydro & Nuclear Power Co.), Ho Sun Ryu (Korea Hydro & Nuclear Power Co.), Sungjin Lee (Korea Hydro & Nuclear Power Co.)*

1220 DPC - Digital Plant Companion; Transforming Use Cases for a Nuclear Specific Operating Support System—*Nico Schuster (Framatome), Wolfgang Krause (Framatome), Anna Engelbrecht (Framatome)*

1221 Proposing a Demographic Approach to Enhancing Evacuation Simulations (PRISM)—*Geon Kim (Kyung Hee Univ.), Minho Hwang (Kyung Hee Univ.), Sungmin Han (Kyung Hee Univ.), Jooseok Lim (Kyung Hee Univ.), Gyunyoung Heo (Kyung Hee Univ.)*

1231 Structural Health Monitoring

1232 Predictive Modeling and Uncertainty Quantification in Condition Monitoring of Active Components: A Reactor Coolant Pump Use Case—*Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Chaitee Godbole (INL), Edward Chen (INL), Vaibhav Yadav (INL), Vivek Agarwal (INL), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

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1262 Optimus-Q: Utilizing Federated Learning in Adaptive Robots for Intelligent Advanced Reactor Operations Through Quantum Cryptography—*Sai Puppala (SIU), Ismail Hossain (Univ. Texas, El Paso), Jahangir Alam (Univ. Texas, El Paso), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Samrendra Roy (National Center for Supercomputing Applications), Syed Bahauddin Alam (University of Illinois Urbana-Champaign), Sajedul Talukder (UTEP)*

1272 High-Temperature Magnetostrictive Acoustic Emission Transducer for Fuel Pin Burst Detection—*Bibo Zhong (INL), Joshua Daw (INL)*

1281 Advanced Sensor Technology: I

1282 FPGA-Based Log-Linear Amplifier for In-Core Neutron Instrumentation Front-End Electronics—*Kholod H. Mahmoud (Univ. Illinois, Urbana-Champaign), John Leland (University of Illinois Urbana Champaign), Ming Fang (University of Illinois - Dept of Nuclear, Plasma, and Radiological Engineering), Angela Di Fulvio (University of Illinois Urbana Champaign)*

1288 Reconstruct In-Core Neutron Flux Distribution Using Ex-Core Detectors—*Ming Fang (Univ. Illinois, Urbana-Champaign), Anshuman Chaube (Univ. Illinois, Urbana-Champaign), Harun Ardiansyah (Univ. Illinois, Urbana-Champaign), Keenan Harvis (Univ. Illinois, Urbana-Champaign), Timothy Grunloh (Univ. Illinois, Urbana-Champaign), Caleb Brooks (Univ. Illinois, Urbana-Champaign), Tomasz Kozlowski (Univ. Illinois, Urbana-Champaign), Angela Di Fulvio (Univ. Illinois, Urbana-Champaign)*

1295 Detector Deadtime Distortion in Counting Statistics and Deadtime Correction—*Abdallah Wazzan (Missouri University of Science and Technology), Shoaib Usman (Missouri Univ. Science and Technology), Tayfun Akyurek (Missouri Univ. Science and Technology)*

1305 Aerosol Jet Printing and Low-Temperature Sintering of Magnetostrictive Terfenol-D Nanoparticle Ink—*Nicholas McKibben (Boise State University), Joy Morin (Boise State University), Zhangxian Deng (Boise State University)*

1313 Stabilization of Nuclear Thermocouples: A Materials Science Approach—*Scott Riley (Boise State), Richard Skilton (INL), Brian J. Jaques (Boise State)*

1323 DOE Office of Nuclear Energy Advanced Reactor Safeguards and Security Program

1325 I&C Regulations, Standards, and Guidelines: II

1326 Industry Survey: Barriers for Adoption of Digital Instrumentation and Control Systems for Advanced Reactor Deployment and Retrofit of Existing Reactors—*Edward Chen (INL), Tate Shorthill (INL), Edward Quinn (Paragon Energy Solutions)*

1336 Development of an Update to ISA S67.04 and RP 67.04: „Setpoints for Nuclear Safety-Related Instrumentation for Nuclear Power Plants—*Edward L. Quinn (Paragon Energy Solutions), Ryan Hoover (Westinghouse Electric Co.), Ron Jarrett (Paragon Energy Solutions), David Rahn (U.S. Nuclear Regulatory Commission)*

1344 Evaluating IEC 62671: Implications for Safety Justification of Embedded Digital Devices in I&C Systems—*Sofia Guerra (Themistoclea), Luke Hinde (Adelard, Part of NCC Group), Ben Phillips (Adelard, Part of NCC Group)*

1352 Nuclear Energy Agency's Consensus Position on the Common Cause Failure in Digital Instrumentation and Control Systems – Evaluation Framework—*Ismael L. Garcia (U.S. Nuclear Regulatory Commission)*

1360 The IEC Standard Series on Cybersecurity for I&C and Electrical Systems in Nuclear Power Plants—*Tighe Smith (Paragon Energy Solutions), Edward L. Quinn (Paragon Energy Solutions), Ludovic Pietre-Cambacedes (EDF), Thomas Walter (Preussen Elektra), Juergen Bochtler (Siemens Energy), Michael T. Rowland (Sandia)*

1369 Machine Learning and Artificial Intelligence for Nuclear: III

1370 Harnessing Quantum Algorithms in Nuclear Engineering—*Samrendra Roy (Univ. Illinois, Urbana-Champaign), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (University of Texas El Paso), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

1377 A Privacy-Aware Cyber Attack Detection Framework for Advanced Reactors Using Data Fusion and Quantum Deep Learning—*Ismail Hossain (Univ. Texas, El Paso), Sai Puppala (Southern Illinois University Carbondale), Jahangir Alam (Univ. Texas, El Paso), Samrendra Roy (National Center for Supercomputing Applications), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (Univ. Texas, El Paso)*

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1408 Artificial Intelligence Application for Cost-Benefit Analysis of Digital Upgrades for Nuclear Power Plants—*C. Howard (Univ. Wisconsin Madison), S. Belling (Univ. Wisconsin, Madison), J. McCague (Sargent & Lundy, LLC)*

1415 Remote Operation, Monitoring, and Maintenance

1416 Non-Invasive Digitization of Existing Nuclear Power Plants—*Hank Strahley (Southern Nuclear), Harry Sim (Cypress Envirosystems)*

1426 Advanced Cable Management Interface for the Monitoring of Cable Integrity in CANDU Nuclear Power Plants—*Ragasudha Vasudevan (Ontario Tech Univ.), Allan Ghaforian (Ontario Tech Univ.), Lixuan Lu (Ontario Tech Univ.)*

1436 A Data-Driven Approach to Core Power Distribution Reconstruction in a Nuclear Reactor—*Haoyu Wang (ANL), Roberto Ponciroli (ANL), Richard B. Vilim (ANL), Vasileios Theos (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

1446 Surrogate-Driven Variance-Based Sensitivity Analysis of Thermal Storage Tanks in Integrated Energy Systems—*Seydou Sene (Institut Polytechnique de Paris - ENSTA Paris), Linyu Lin (INL), Junyung Kim (INL), Majdi I. Radaideh (Univ. Michigan, Ann Arbor)*

1457 Robot Teleoperation for Efficient Pipe Maintenance in Nuclear Facilities—*Youndo Do (Georgia Institute of Technology), Cheng-Yuan Li (Georgia Institute of Technology), Myeongjun Choi (Georgia Institute of Technology), Fan Zhang (Georgia Institute of Technology)*

1467 Theory and Applications of Large Language Models in Nuclear Energy

1468 Vision-Driven Fault Detection and Diagnostic in Nuclear Power Plants Using Large Language Models—*Jean C. Tonday Rodriguez (Florida Int'l Univ.), Dipan Sadeeken (Florida Int'l Univ.), Mohammed Ashiqur Rahman (Florida Int'l Univ.), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

1478 Enhancing Learning for Nuclear Reactor Operator Trainees with Large Language Models—*Jason Clifford (NCSU), Julianna White (NCSU), Alexander Heifetz (ANL), Ayman Hawari (NCSU), Xu Wu (NCSU)*

1488 LLM-Powered Chatbot for Safety Compliance Assistance in Advance Reactors—*Ismail Hossain (Univ. Texas, El Paso), Sai Puppala (Southern Illinois University Carbondale), Jahangir Alam (Univ. Texas, El Paso), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Samrendra Roy (National Center for Supercomputing Applications), Syed Bahauddin Alam (University of Illinois Urbana-Champaign), Sajedul Talukder (Univ. Texas, El Paso)*

1498 Automated Generation of System Code Inputs from P&IDs Using Vision-Language Models—*Akshay J. Dave (ANL), Tat Nghia Nguyen (ANL), Dan O'Grady (ANL), Rui Hu (ANL), Richard B. Vilim (ANL)*

1508 Evaluating Economic Impact: An Investment Tool for Large Language Model Integration in Workweek Management—*Chaitee Godbole (INL), John Johnson (University of Minnesota), Vivek Agarwal (INL), Ryan Spangler (INL)*

1519 Advanced Sensor Technology: II

1520 Lessons Learned in Advancing Technology and Supply Chain in Neutron Monitoring Systems—*Tighe Smith (Paragon Energy Solutions), Chris Harrington (Paragon Energy Solutions), Chad Michaelis (Paragon Energy Solutions), Clark Artaud (Paragon Energy Solutions), Daniel Schreiner (Reuter Stokes), Edward L. Quinn (Paragon Energy Solutions)*

1529 In-Rod Sensor System Irradiation Test Results with Segmented Fuel Assembly—*Jorge V. Carvajal (Westinghouse Electric Co.), Shawn C. Stafford (Westinghouse Electric Co), Paul M. Sirianni (Westinghouse Electric Co), Jeffrey L. Arndt (Westinghouse Electric Co), Emre Tatli (Westinghouse Electric Co.), Jeffrey A. Geuther (Penn State), Daniel Beck (Penn State)*

1541 Standardization of Silicon Carbide Passive Temperature Monitors for In-Core Irradiation Experiments—*Padhraic L. Mulligan (ORNL), Anne A. Campbell (ORNL), Malwina Wilding (INL)*

1551 Understanding Gallium Oxide's Response to Irradiation for Advanced Nuclear Sensors Applications—*Lucia R. Gomez-Hurtado (NCSU), Chris McRobie (NCSU), Shams Noor (NCSU), Ge Yang (NCSU)*

1558 Characterization Test Data from a Wide Range Fission Chamber Operating at Very High Temperature—*Chris Laidler (Ultra Energy), Jefferson Ridgway (Ultra Energy), Bradley Campbell (Ultra Energy), Valentine Farcot (Ultra Energy), Tom Goudy (Ultra Energy), Izaak Watson (Ultra Energy), Heather Shave (Ultra Energy)*

1559 Experimental and Simulation Study of Torsional Ultrasonic Waveguide Sensors for Liquid Level Measurement—*Bibo Zhong (INL), Austin Collins (Univ. Michigan), Joshua Daw (INL), Sacit M. Cetiner (INL), David Holcomb (INL)*

1569 Advanced Surveillance, Online Monitoring, Diagnostics, and Prognostics: III

1570 Comparative Analysis of Online Fault Tree and Margin-Based Approaches for System-Level Health Assessment and Decision-Making—*Mattia Zanotelli (Univ. Tennessee, Knoxville), Ark Ifeanyi (Univ. Tennessee, Knoxville), Jamie B. Coble (Univ. Tennessee, Knoxville), Diego Mandelli (INL)*

1580 Deployment of Data Acquisition Platform in Support of On-Line Monitoring and Hybrid Plant Information System—*Matthys J. Blom (Framatome)*

1590 Development of an Online Monitoring System to Support Autonomous Remote Microreactor Operations—*Brent Shumaker (Analysis and Measurement Services Corp.), Adam Deatherage (Analysis and Measurement Services Corp.), Brian Moazen (AMS Corporation), Terrell McIlwain (AMS Corporation), Zachary Becker (AMS Corporation)*

1600 Sensor Diagnostics with Deep Learning and Real Reactor Data—*Konstantinos Vasili (Purdue Univ.), Zachery T. Dahm (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

1610 Cybersecurity Vulnerabilities in Grey- and Black-Box Technologies & Supply Chain Challenges—*Stine Aurora Mikkelsplass (Institute for Energy Technology), Levente Nyusti (Institute for Energy Technology), Aleksander Lygren Toppe (Institute for Energy Technology)*

1620 Streamlining PUR-1 Operation: A Case Study on Large Language Models (LLM) in Reactor Informational Systems—*Jonah Lau (Purdue Univ.), True Miller (Purdue Univ.), Brian Jowers (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

1631 Operator and Control Room Studies and Assessment

1632 Acquisition of Operator Skills Through Part-Scope Simulator Training—*S. Pakarinen (Finnish Institute of Occupational Health), J. Laarni (VTT Technical Research Centre of Finland), H. Koskinen (VTT Technical Research Centre of Finland), T. Passi (Finnish Institute of Occupational Health), M. Liinasuo (VTT Technical Research Centre of Finland)*

1642 Implication of Crew Briefs on Crew Performance as Perceived by NPP Operators—*Magnhild Kaarstad (Institute for Energy technology), Rob McDonad (Institute for Energy technology), Daniel Odén (Institute for Energy technology)*

1650 Augmented Reality for On-Site Human Factors Control Room Assessment—*Morten Gustavsen (Institute for Energy Technology), Michael N. Louka (Institute for Energy Technology)*

1659 University-based Nuclear Power Plant Simulators: Untapped Potential for Multiple Benefits—*Reece Moellenhoff (Colorado State), Riley Meadows (Colorado State), Vincent Philip Paglioni (Colorado State)*

1669 Assessing Measures of Human Performance in the Nuclear Control Room—*Davide Gentile (University of Toronto), Yaowei Liang (University of Toronto), Greg A. Jamieson (University of Toronto)*

1677 Digital Modernization of Plant Protection Systems

1679 I&C for Advanced Reactors and Small Modular Reactors

1680 An Illustrative Top-Level Safety Assurance Case for an SMR—*Xueli Gao (Institute For Energy Technology, Norway), Peter Karpati (Institute For Energy Technology, Norway), Norbert Carte (U.S. Nuclear Regulatory Commission)*

1694 Space Fission Instrumentation and Control Technology Gaps—*N. Dianne Bull Ezell (ORNL), Tyler Steiner (NASA GRC), Joshua Leblanc (NASA Marshall Space Flight Center), Jarvis Caffrey (NASA Marshall Space Flight Center)*

1702 Effective STPA Application Through Organizational Capability: Lessons Learned from Practical Applications—*Ankur Shukla (Institute for Energy Technology, Norway), Charlotte Vranglund (Institute for Energy Technology, Norway), Xueli Gao (Institute for Energy Technology, Norway), Sizarta Sarshar (Institute for Energy Technology, Norway), Bjørn Axel Gran (Institute for Energy Technology, Norway)*

1712 Strain Monitoring with Embedded Fiberoptic Sensors and Modeling with Machine Learning (ML) Tools—*Matthew Laurent (Florida Int'l Univ.), Jorge Arias (Florida Int'l Univ.), Pedro Rodriguez (Florida Int'l Univ.), Benjamin Vargas (Florida Int'l Univ.), Sebastian Vargas (Florida Int'l Univ.), Ibrahim Tansel (Florida Int'l Univ.), Sabri Tosunoglu (Florida Int'l Univ.), Maria Gonzalez (Florida Int'l Univ.)*

1722 Instrumentation and Control Cable Design and Selection in Advanced Reactor Environments—*Patrick Ward (Analysis and Measurement Services Corp.), Codi Ferree (Analysis and Measurement Services Corp.), Trevor Toll (Analysis and Measurement Services Corp.), Adam Deatherage (Analysis and Measurement Services Corp.)*

1723 I&C System Reliability

1724 Improving Motor Reliability for Nuclear Systems by Sensorless Temperature Estimation—*Samrendra Roy (Univ. Illinois, Urbana-Champaign), Kazuma Kobayashi (Univ. Illinois, Urbana-Champaign), Sajedul Talukder (University of Texas El Paso), Syed Bahauddin Alam (Univ. Illinois, Urbana-Champaign)*

1731 Digital Protective Relays Demonstrate Superior Reliability and Improve System Performance—*Stephen Middlekauff (SEL, Inc.), Adrian Genz (SEL, Inc.)*

1741 Assessment of the State of Practice for Using Operating Experience for Digital Systems for Nuclear Power Plants—*Derek Halverson (U.S. Nuclear Regulatory Commission), David Rahn (U.S. Nuclear Regulatory Commission), Ismael Garcia (U.S. Nuclear Regulatory Commission)*

1751 Simulation of Electrical System Event Propagation in Nuclear Power Plants Using Modelica—*Kyle Warns (Rensselaer Polytechnic Institute), Hyun Gook Kang (Rensselaer Polytechnic Institute)*

1761 Application of IEC 62003 for Electromagnetic Compatibility of I&C and Electrical Equipment—*Chad Kiger (Analysis and Measurement Services Corp.)*

1762 Integrating STPA to NPP Systems Engineering Processes—*Josepha Berger (VTT Technical Research Centre of Finland Ltd.), Akira King (Aalto University), Antti Pakonen (VTT Technical Research Centre of Finland Ltd.)*

1773 Verification, Validation, and Uncertainty Quantification

1774 Formal Safety Assessment Methods in Olkiluoto 1&2 NPP I&C Renewal Project DIMA—*Antti Pakonen (VTT Technical Research Centre of Finland), Lauri Tuominen (TVO), Mauri Viitasalo (TVO), Pekka Nuutinen (TVO)*

1784 Experimental Validation of the Instrumentation and Control Design Evaluation Method for Predicting and Estimating Common Cause Failures in Software Development—*Xiaoxu Diao (Ohio State), Pavan Kumar Vaddi (Ohio State), Carol Smidts (Ohio State)*

1792 A Time Series Forecasting Technical Validation of the PRIMaL Dataset Benchmark—*William Richards (Purdue Univ.), Zach Dahm (Purdue Univ.), Konstantinos Vasili (Purdue Univ.), Stylianos Chatzidakis (Purdue Univ.)*

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1811 Comparing Control Performance Between Simulation and Experiment Using the Microreactor Automated Control System Testbed—*Jacob A. Farber (INL), Joseph Oncken (INL), Maria Coelho (INL), Marcio de Queiroz (INL), Ahmad Y. Al Rashdan (INL)*

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