Conference on Nuclear Training and Education 2013 (CONTE 2013)

An International Forum for Discussion of Issues Facing Nuclear Energy Training and Education

Jacksonville, Florida, USA
3 - 6 February 2013

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  Rob Brixey (Rob Brixey, Inc.)  
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Evaluating Alternate Paths During Task Performance
Marios Kafantaris (PSEG Nuclear)

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John R. Smith (Western Services Corp)

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Frank Inzirillo (Indian Point Energy Center)

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Patrick Lynch (Univ of Tennessee)

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Jason T. Harris (Idaho State Univ), Christopher Hobbs (King’s College London), Dmitriy Nikonov (Univ of Georgia), Andrea Braunegger-Guelich (IAEA)

Developing Nuclear Security Curriculum in Morocco
El Hassan Sayouty (Hassan 2nd Univ)

The Development of Nuclear Security Education in South Africa
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Kostas Dovas (Exelon Generation)

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Tammy S. Love (INPO)

Advanced Learning Methods for the Nuclear Power Industry
Phil Polefrone (GSE Systems Inc.)

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Future Risk Management Training
Nate Porter, Gary Sherwood (Xcel Energy Monticello Nuclear Plant)

Building a Comprehensive Nuclear Education in Sweden
Anders Nordlund, Teodora Retegan, Christophe Demazère, Stefan Allard, Paolo Vinai, Christian Ekberg (Chalmers Univ of Technology)

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Ge-Ping Yu, Shiang-Huei Jiang (Tsing Hua Univ)

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Hanna Tauru (Fortum)

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Sandro Paci (Univ of Pisa), Jean-Pierre Van Dorselaere (IRSN)

MONDAY, FEBRUARY 4, 2013, 3:00 P.M.–4:45 P.M.

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Julie Sickle (CENG)

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William A. Russell (INPO)

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Cathy Brown (INPO), Kathy Larson (The Regis Company)

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Thomas F. McElhinney (Entergy Nuclear-Pilgrim Station)

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Alleviating Redundancy Using EPRI’s Standardized Task Evaluations
Don Cullers (EPRI), Burl McCosh (INPO)
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Cathy Brown (INPO), Richard Holman (INL)

Accelerating Comprehension and Improving Retention with 3D Interactive Visualization
Hal D. Paris, Chuck Kelly, Joe Ambrosino (TriLink Systems)

Maximizing Your Dynamic Flow Loop
Kevin Stupak, Ken Milligan (Entergy)

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Charles Kim (Howard Univ), Deborah Jackson (NRC), Peter Keiller (Howard Univ)

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Doug Hance, Stuart Lewis, Doug E. True (EPRI)

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Sin-ya Hohara, Kengo Hashimoto, Tetsuo Itoh (Kinki Univ Atomic Energy Research Institute)

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M. Monica Sbaffoni (IAEA)

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Kathryn T. Davis (INPO)

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Heather Davis (Nine Mile Point Nuclear Station), Cynthia DeVita-Cochrane (The Westwind Group, Inc.)

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Dale Jennings (Hyperspring )

Improving Licensed Nuclear Operator Medical Certification Requirements
George B. Rombold III (Scientech), Hironori Peterson (NRC)

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Are We There Yet? An NUCP Partnership Update
Robert M. Collins (Southern Nuclear Company/Plant Vogtle Units 3 & 4)

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Christine Carpenter (EPCE), Steven Gackstetter (Exelon Generation)
Outreach to Stimulate Interest in STEM Education
J. W. Poston, V. G. Segovia, J. H. Haines, K. L. Peddicord (Texas A&M)

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Leadership Development—II
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Training Manager Succession Planning at Entergy Nuclear
Patrick J. Berry (Entergy Nuclear)

Developing Leaders for Superior Performance in Nuclear Power
Joseph Carella (Eckerd College Leadership Development Institute), Christopher J. Schwarz (Entergy Arkansas Nuclear One)

Developing Station Leaders
Peter A. McSparran (APS)

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RCNET Efforts to Enhance College Training Programs by Introducing 21st Century Learning Styles and Tools into the College Classroom
Kevin Cooper (RCNET)

Tennessee Valley Authority Internship Program
Susan Stout, Shunyale Griffin (TVA)

Training and Education Activities Within the Frame of EURATOM
A. Bucalossi (European Commission)

Fueling the Local Industry Through the Summer Nuclear Science Institutes at South Carolina State University
April Hutton-Moorer, Kenneth Okafor, Zheng Chang, Musa Danjaji (South Carolina State Univ)

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Charlie Nesbitt (Vogtle Units 3&4)

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Simon Earp (EDF Energy Nuclear New Build)
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Michael Llewellyn (INPO)

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Regional Center for Nuclear Education and Training Support of the Nuclear Uniform Curriculum Program
Natalia Chekhovskaya Kearney (Regional Center for Nuclear Education and Training)

Training the Next Generation of Environmental Restoration and Nuclear Industry Workforce
Leonel E. Lagos (Florida International Univ)

Maturing 18-25 Year Olds to Work in the Nuclear Industry
Bruce A. Meffert (Linn State Technical Coll)

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Thomas Devine (Thomas Edison State Coll)

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Sustainability of Nuclear Training Programs—Focused Leadership Actions
Bryce Shriver (Three Seven Research, Inc)

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Holding the Line on the Systematic Approach to Training
Robert L. Sandstrom (Focus Forward Performance Solutions LLC)

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The Advanced Test Reactor National Scientific User Facility Education Program

The Engineering Expertise Matrix: Identification and Quantification of Knowledge Gaps
Matthew Hiatt, Robert McNiel (STP Nucl Operating Co)

Nuclear Energy Globalization: Ways to Meet Non-Proliferation Challenges Through University Education
A. Vorobieva (IATE Obninsk), E. F. Kryuchkov (MEPHI, Moscow)

Cooperation Between European Union and Russian Universities in Nuclear Education and Training
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Ratan Kumar, Thiagarajan Raman, Nikhil Dhiman (Univ of Texas at Arlington)

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Jeff Mercer (Southern Nuclear)

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Shawn Quick (Exelon Generation)

Severe Accident Training in Real-Time
Gregory T. Hayes (Corys Thunder Inc)

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Jung-Hua Yang (Natl Tsing Hua Univ), Jong-Rong Wang, Hao-Tzu Lin (INER), ChiaYing Chang, Chunkuan Shih (Natl Tsing Hua Univ)

Coupling of MELCOR Severe Accident Code to a Full Scope Training Simulator
Barney Panfil (CORYS Thunder Inc.), Robert Sanders (AREVA NP)

Personnel Training/Qualification/Education—V
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Entergy Nuclear Material Handling Training Program
Michael K. Jessen (Entergy Nuclear)

SOER 10-2: Ontario Power Generation’s Blended Approach to SOER 10-2 Training
Alan Shiever, Louise Hastie (OPG)

Incorporating Cognitive Training in Simulation Based Learning for Performance Optimization
Melanie Hill (Interactive Visualization Center Greenville)

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Engineering Education—IV
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Distance-Enabled Graduate Nuclear Engineering at the University of Pittsburgh
Larry R. Foulke, Janet L. Littrell (Univ of Pittsburgh)

Engaging First Year Students: North Carolina State’s Nuclear Engineering Undergraduate Outreach
Lisa Marshall, Mohamed Bourham (NCSU)

The Systems Engineering Initiative—An Innovative Approach to Experiential Learning
Cable
Kurwitz, John Poston, Kenneth Peddicord (Texas A&M Univ)

A Generational Influence
Shawn C. Howry, David Wheeler (SNL)

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Elizabeth McAndrews-Benavides (NEI), Audrey Cate (INPO)

Filling the Critical Nuclear Quality Systems Workforce Gap
Susan A. Winsor (Aiken Technical College), Furman Miller (V. C. Summer Nuclear Station)

Educating the Nuclear Workforce of the Future in Texas
J. W. Poston, R. C. Kurwitz, G. Tsvetkova, K. L. Peddicord (Texas A&M Univ)

Prior Learning Assessment — Getting College Credit for Learning Outside the Traditional Academic Environment
Richard P. Coe (Thomas Edison State Coll)

WEDNESDAY, FEBRUARY 6, 2013, 10:00 A.M.—11:45 A.M.

Leadership Development—III
Chair: Michael Desilets (Entergy)

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Helping Individuals and Professional Societies Develop the Next Generation of Nuclear Leaders
Debra Hager (Duke Energy)

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Marvin L. Chase (Entergy)

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Michael Lerg (GSE Systems Inc.)

NANTeL Human Performance Re-Design
Maureen Kunapareddy (INPO)

**Educational Path from an Operator to a Manager for the Non-Traditional Student**
Jane LeClair, Andrew Wheeler, Adrian Skinner (Excelsior Coll)

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