

SESSION HF.1: Qualification, Certification, Standards, and Training

ID115, *Improving Inspector Training by Incorporating Artificial Defect Data in Guided Wave Testing*, Diana Olivia Martinez-Trejo, Brian Pavlakovic, Keith Vine

ID136, *Cloud Platform for Ultrasonic Instruments Calibration and Certification*, Abdelmaboud Elbasyouny, Stephan Falter, Johannes Büchler, Alexander Fritsch

ID210, *Evaluation of Magnetic Field Impact on Workers during Magnetic Particle Inspection*, Eleonora Fontò, Michele La Bianca, Luca Giaccone, Fabio Freschi, Aldo Canova

ID260, *Characterization of Flexible Digital Detector Arrays using ASTM E2597/E2597M-22*, Katie Carpenter

ID290, *The Evolution of Non-Destructive Testing (NDT) in Albania: From Post-War Foundations to European Integration (1945–2025)*, Konda Enkelejda, Sotja Dhimitraq, Zeqo Migena

ID293, *Image Quality Indicator for XCT Systems*, Anne-Francoise Obaton, Dominik Brouczek, Martin Schwentenwein, Denise Mödder, György Attila Harakály, Marcus Oel, Jens Luebbehuesen, Uwe Ewert

ID402, *New Standards and Requirements for Quality Assurance in Industrial Computed Tomography*, Uwe Ewert, Holger Roth, Anne-Francoise Obaton, Alain Kueng, Josephine Gutekunst, Ulrich Neuschaefer-Rube, Thomas Blumensath, Fritz Hoerauf, Marko Katic

ID439, *French Certification of NDT Operators for the Detection of Reinforcement in Concrete Structures*, Alexandre Boule, Bernard Quénee, Jean-Paul Balayssac, Nathalie Cordier, Sophie Gwinner, Christopher Ostrowski, Xavier Dérobert, Bernard Vincent, Lucas Bourreau, Jules Le Bec, Mehdi Sbartai, Sandra El Tahir, Stéphane Geneau

ID445, *Traceability and Operator Assistance System for Manual UT Non-Destructive Testing*, Florence Grassin, Michel Cardoso, Vincent Saint-Martin, Vincent Bergeaud, Julien Banchet, Cécile Mayau

ID468, *Qualification and Certification of NDT Personnel in Civil Engineering (NDT-CE)*, Sascha Feistkorn

ID517, *DX-Schema – Standardized Modular Document System for a “digital-first” Quality Infrastructure*, Frank Leinenbach, Johannes Vrana, Thomas Engel, Sascha Eichstädt, Michael Melzer

ID545, *EddyWeb – One for All!*, Gerhard Mook, Yury Simonin

ID651, *Strengthening NDT in Civil Engineering through Training and Harmonized Qualification Frameworks: Experience from an IAEA–RCA Initiative*, Ilham Mukriz Zainal Abidin, Gerardo Maghella Seminario, K. Phaokhamkeo

ID653, *AI Qualification and Implementation in RPVHI in Sweden*, Rickard Samuelsson Jerndahl, Iikka Virkkunen, Gustav Holmer

ID679, *Human Factor and Communication Processes in Technical Training: A Systemic Approach to Adult Learning in Non-Destructive Testing*, Marina Pomo, Emma Selene Ixchel Iturriaga Saucó

ID705, *Digital Training: How can Simulators Enhance Trainees’ Learning?*, Rafael Iglesia, Benoit Puel, Fabrice Foucher

ID720, *Strengthening Global Capacities in Non-Destructive Testing for Industry, Cultural Heritage, Civil Engineering and Disaster Recovery: Recent Programmatic Developments at the IAEA*, Hannah Asamoah Affum, Gerardo Maghella Seminario, Shangyuan Liu

ID903, *On the Basis of a Standard for NDT-CE Operators Training*, Sebastian Laprida, Cesar Belinco

ID942, *Availability and Procedure for Certification acc. to ASNT 9712 in Europe*, Tomas Zavadil, Paul Lang

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ID947, *Artificial Intelligence as a Communicative Partner in Technical Communication: A Systemic Approach to Information Management and Documentation in NDT*, Emma Selene Ixchel Iturriaga Saucó, Marina Pomo

ID951, *Introducing the ASNT 9712 Certification Program to Europe: A Performance-Based ISO 9712 Certification Approach*, Paul Lang, Tomas Zavadil

ID956, *A New ISO 9712 ET Certification Structure for a Modern World – Including ISO 9712 Eddy Current Array Training / Certification*, James Watson

ID957, *Safety Management System (SMS) Applied to the NDT*, Giuseppe Di Sorbo, Valter Capitani, Daniele Petrucci