

ENDE 2010 – Poster Sessions

Poster Session I – Applications, transducers and techniques

Monday, June 14, 2010, 16:30 – 17:50

- PS1/1** Dongfeng He, Mitsuhashi Shiuwa, Hisashi Yamawaki, Ichizo Uetake, Shinichi Moriya, Akihide Kurosu, Koichi Okita, “*Developing ECT System with AMR Sensor for Combustion Chamber*” (55)
- PS1/2** Verena Reimund, Matthias Pelkner, Mark Blome, Hans-Martin Thomas Marc von Kreutzbruck, “*Design of a Local Magnetizing Device for a Magnetic Flux Leakage Testing Probe Based on GMR Sensor Arrays*” (56)
- PS1/3** Mark Blome, Matthias Pelkner, Verena Reimund, Marc Kreutzbruck, “*Flux Leakage Measurements for Defect Characterization Using a High Precision 3-Axial GMR Magnetic Sensor*” (57)
- PS1/4** Jungmin Kim, Jinyi Lee, Myungki Choi, Jongwoo Jun, “*Nondestructive Testing of Turbine Rotor Bore Using the Combined Induced Current-Magnetic Flux Leakage and Linearly Integrated Hall Sensors Array*” (59)
- PS1/5** Youngmin Park, Jongwoo Jun, Kisu Shin, Jinyi Lee, “*Real Time Inspection of The Aluminum Alloy Using the Sheet Type Induced Current and the Area-Type Magnetic Camera with High Spatial Resolution*” (61)
- PS1/6** Marek Ziolkowski, Hartmut Brauer, “*Lorentz Force Nondestructive Testing: Experiment versus Simulations*” (63)
- PS1/7** Hiroaki Kikuchi, Isamu Shimizu, Katsuyuki Ara, Yasuhiro Kamada, Satoru Kobayashi, “*Applicability of Magnetic Flux Leakage Method for Wall Thinning Monitoring in Nuclear Power Plants*” (64)
- PS1/8** Tomasz Chady, Jacek Kowalczyk, Grzegorz Psuj, “*Stress Corrosion Cracks Evaluation in 316 Austenitic Stainless Steel Plate*” (66)
- PS1/9** Thanh Long Cung, Pierre-Yves Joubert, Eric Vourc’h, “*Eddy Current NDE of the Distance Between Parts in Aeronautical Assemblies*” (67)
- PS1/10** Susanne Hillmann, Marcus Klein, Henning Heuer, “*In-line Thin Film Characterization Using Eddy Current Techniques*” (69)
- PS1/11** Yoshihiro Nishimura, Akira Sasamoto, Takayuki Suzuki, “*Evaluation of EMAT Signals Using Magnetostrictives for Imaging*” (71)
- PS1/12** Brian Larson, Norio Nakagawa, “*Evaluation of the Effect of Notch Width on the Eddy Current Signal with Changing Probe Parameters*” (73)
- PS1/13** Milan Smetana, Ladislav Janousek, Klara Capova, Maria Michniakova, “*Pulsed Eddy Current Testing - Applications to Defect Evaluation*” (75)
- PS1/14** Tatiana Strapacova, Klara Capova, Ladislav Janousek, Milan Smetana, “*Artificial Heart Valve Testing Using Electromagnetic Methods*” (77)
- PS1/15** Ladislav Janousek, Milan Smetana, Marcel Alman, “*Decreasing Uncertainty in Size Estimation of Stress Corrosion Cracking from Eddy-Current Signals*” (79)
- PS1/16** Junming Lin, Hanlin Li, “*Thickness Distribution Evaluation of Oxidation in Stainless Steel Tube of Power Plant by Electromagnetic Nondestructive Method*” (81)
- PS1/17** Eugeniusz Kornatowski, Jan Subocz, Sebastian Borucki, Andrzej Cichoń, “*Vibroacoustical Diagnostics of Technical Condition of Large Power Transformers*” (82)
- PS1/18** Daigo Kosaka, Fumio Kojima, Kosuke Umetani, “*Pipe Wall Thickness Measurement by Electro-Magnetic Acoustic Transducer Using Band Exciting Method*” (84)
- PS1/19** Toshihiro Yamamoto, Tetsuya Uchimoto, Toshiyuki Takagi, “*An ECT Probe with Widely Spaced Coils for Local Wall Thinning in Nuclear Power Plants*” (86)
- PS1/20** Tomasz Chady, Paweł Frankowski, Tomasz Jakubowski, Stanisław Kalisiak, “*Extremely Short Impulse Eddy Current Testing System With a Differential Transducer*” (88)