

Session G2 - Magnetic measurements and instrumentations I

Tuesday, September 8

- G2-01** Characterization and modelling of temperature influence on global magnetic properties
A.T. Bui, N. Burais, L. Morel, F. Sixdenier, Y. Zitouni
- G2-02** Magnetostriction measurements by using dual heterodyne laser interferometers
Setareh Gorji Ghalamestani, Tom G.D. Hilgert, Lieven Vandavelde, Joris J.J. Dirckx, Jan A.A. Melkebeek
- G2-03** Temperature dependence of magnetic descriptors of Magnetic Adaptive Testing
Gábor Vértesy, Tetsuya Uchimoto, Ivan Tomáš
- G2-04** Aging evaluation in modified 9Cr-1Mo steel by reversible magnetic permeability
Kwon-sang Ryu, Soo-Yung Park, Jong-seo Park, Seung-hoon Nahm
- G2-05** Magnetic Barkhausen noise for characterization of recovery and recrystallization
Kizkitza Gurruchaga, Ane Martínez-de-Guereñu, Mikel Soto, Fernando Arizti
- G2-06** Local measurement of Barkhausen noise and its correlation with hysteresis parameters of electrical steels
Oleksandr Stupakov, Volodymyr Stoyka, Richard Wood
- G2-07** Magnetic after-effect study of the Cu-precipitation in thermally aged Fe-1%Cu alloys
Boris Minov, Lode Vandenbossche, Milan Konstantinović, Luc Dupré
- G2-08** Barkhausen noise in the ion implanted amorphous ribbon
Hoon Song, Duck-gun Park
- G2-09** Local magnetic measurements in magnetic circuits with highly non uniform electromagnetic fields
Ahmed Abou-Elyazied Abdallah, Luc Dupré
- G2-10** Iron thin films elaboration and characterization
Adel Bendjerad, S.E.H. Abaidia, Abdelrrahim Guittoum
- G2-11** The applicability of step-lap lamination technology for Single Sheet Tester magnetic yoke improvement
Marian Soinski, Roman Rygal, Wojciech Pluta, Robert Pytlech, Kamil Szafran, Przemyslaw Pinkosz

- G2-12** Magnetostriction measurement of grain oriented electrical steel sheet using fiber optic displacement sensor
Derac Son, Jongho Kim, Suhwan Lee, Oh-Yeoul Kwon
- G2-13** Data collapse of energy loss in soft magnetic materials a way for testing measurement set
Krzysztof Sokalski, Jan Szczygłowski
- G2-14** Measurement of magnetic losses in soft ferrites by thermal method
Vincent Loyau, Frédéric Mazaleyrat, Martino LoBue
- G2-15** Harmonic vibration analysis of transformer sheets
Adam Schiffer, Amalia Ivanyi
- G2-16** Use of global magnetic measurements for the local identification of magnetic material degradation due to cutting
Guillaume Crevecoeur, Luc Dupré
- G2-17** Double coil-less fluxgate in bridge configuration
M. Butta, P. Ripka, Joaquín Pérez Navarrete
- G2-18** Measurement of the DC hysteresis of soft magnetic materials under high tensile stress
Owen J. Thomas, Stuart A.C. Harmon, Michael J. Hall, Harshad V. Patel
- G2-19** Equivalence of measurements on soft magnetic materials in the UK
Michael Hall, Harvey Smith, Philip Anderson
- G2-20** Short circuit current measurements between transformer sheets
Carl A. Schulz, Stéphane Duchesne, Daniel Roger, Jean-Noël Vincent
- G2-21** Using an open circuit measurement technique to determine material properties
Harshad V. Patel, Owen J. Thomas, Michael J. Hall, Stuart A.C. Harmon