

Session D1 - Fe-Ni, Fe-Co, amorphous and nanocrystalline alloys I

Monday, September 7

- D1-01** Magnetic measurements from low to high frequency on amorphous ribbon of $\text{Co}_{67}\text{Fe}_4\text{B}_{14.5}\text{Si}_{14.5}$
Veronica Păltânea, Gheorghe Păltânea
- D1-02** Fe-based microwire: structure and magnetic structure
G. Abrosimova, A. Aronin, N. Kholstinina
- D1-03** Structure and properties of nanocrystalline alloys prepared by high pressure torsion
A. Aronin, G. Abrosimova, S. Dobatkin, D. Matveev, O. Rybcenko
- D1-04** Effect of stress-annealing on the saturation magnetostriction of nanocrystalline $\text{Fe}_{73.5}\text{Cu}_1\text{Nb}_3\text{Si}_{15.5}\text{B}_7$
Giselher Herzer, Sybille Flohrer, Christian Polak
- D1-05** Microstructure of NiFe epitaxial thin films grown on MgO single-crystal substrates
Takahiro Tanaka, Mitsuru Ohtake, Fumiyoshi Kirino, Masaaki Futamoto
- D1-06** Magnetic and magnetoimpedance properties of $\text{Fe}_{73.5-x}\text{Mn}_x\text{Cu}_1\text{Nb}_3\text{Si}_{13.5}\text{B}_9$ ($x = 0, 1, 3, 5, 7$) amorphous ribbons
N. Bayri, T. Izgi, V.S. Kolat, P. Sovak, S. Atalay
- D1-07** Structure and magnetic properties of CoNi epitaxial thin films grown on MgO(100) single-crystal substrates
Yoichi Sato, Mitsuru Ohtake, Fumiyoshi Kirino, Masaaki Futamoto
- D1-08** Viscous phenomena in magnetic and thermal properties of FeNi based glasses induced by cryo-treatments
Jozef Kováč, Balázs Vehovszky, Ladislav Novák, Antal Lovas
- D1-09** Magnetization dynamics in wire shaped amorphous magnetic materials
Suman Sinha, Bipul Das, Kalyan Mandal
- D1-10** Positron annihilation spectroscopy study on modified Finemet soft magnetic metallic glass
A. P. Srivastava, M. Srinivas, S. Sharma, D. Srivastava, G. K. Dey, B. Mazumdar, P.K. Pujari
- D1-12** Study of the switching field in amorphous and nanocrystalline FeCoMoB microwire.
P. Klein, R. Varga, G. Badini, M. Vázquez

- D1-13** Microstructural and magnetic properties of electrodeposited $\text{Co}_x\text{Cu}_{100-x}$ films
Oznur Karaagac, Hakan Kockar, Mursel Alper
- D1-14** Pressure effect on magnetic properties of $\text{Y}_3\text{Fe}_{62}\text{B}_{14}$ phase in its amorphous and nano-crystalline states
Zdenek Arnold, Claire V. Colin, Hervé Mayot, Olivier Isnard, Jiri Kamarád
- D1-15** Anisotropic magnetoresistance in amorphous microwires with different geometries
Karla J. Merazzo, Giovanni Badini-Confalonieri, Manuel Vázquez, Francisco Batallán
- D1-16** Influence of the circular magnetic field and the external stress on the remagnetization process in Fe-rich amorphous wires
P. Gawroński, A. Chizhik, J. M. Blanco, J. Gonzalez
- D1-17** Surface magnetic properties and Mössbauer spectroscopy of FeMoCuB and FeNiMoCuB ribbons
Ondrej Zivotsky, Yvonna Jiraskova, Kamila Hrabovska, Jaromir Pistora
- D1-18** Novel $\text{Fe}_{(97-x-y)}\text{P}_x\text{B}_y\text{Nb}_2\text{Cr}_1$ glassy alloys with high magnetization and low loss characteristic for inductor core materials
Hiroyuki Matsumoto, Akiri Urata, Yasunobu Yamada, Akihisa Inoue
- D1-19** Structural and magnetic properties of $\text{Ni}_{45}\text{Al}_{45}\text{C}_{10}$ nanocrystalline alloys prepared by mechanical alloying process
Kontan Tarigan, Yong-Goo Yoo, Dong-Seok Yang, Suhk-Kun Oh, Seong-Cho Yu
- D1-20** Magnetization process and GMI effect in as-cast nanocrystalline microwires
Sorin Corodeanu, Tibor-Adrian Óvári, Nicoleta Lupu, Horia Chiriac