

## Session F1 - Thin films, metamaterials, novel and special materials I

Monday, September 7

- F1-01** Elastomagnetic and elastoresistive effects in CoFe films produced by femtosecond pulsed laser deposition  
*G. Ausanio, V. Iannotti, S. Amoruso, R. Bruzzese, X. Wang, L. Lanotte*
- F1-02** Crystallization processes in FeNbZrBCu amorphous ribbons and thin films  
*Marco Coïsson, Federica Celegato, Elena Olivetti, Paola Tiberto, Franco Vinai, Shashank N. Kane*
- F1-03** Epitaxial growth of fcc-Co<sub>x</sub>Ni<sub>100-x</sub> thin films on MgO(110) single-crystal substrates  
*Mitsuru Ohtake, Yuri Nukaga, Yoichi Sato, Fumiyoshi Kirino, Masaaki Futamoto*
- F1-04** Crystallization and magnetic properties of ZnSn-substituted barium ferrite films  
*Darja Lisjak, Federica Celegato, Elena Olivetti, Marco Coïsson, Massimo Pasquale*
- F1-05** Annealing effect on Gilbert damping parameter of Heusler alloys thin films  
*R. Yilgin, Ramazan Topkaya, Abdullah N. Kocbay, Bekir Aktas, Yuya Sakuraba, Mikihiko Oogane, Yasuo Ando, Terunobu Miyazaki*
- F1-06** Effect of rapid solidification on magnetostriction and microstructure in melt-spun Fe-Al ribbons  
*Reiko Sato Turtelli, Gabriel Vlášak, Frank Kubel, Nasir Mehmood, Martin Kriegisch, Roland Grössinger, Herbert Sassik*
- F1-07** Ferromagnetic resonance phenomena in concentric multilayer microwire systems  
*G. A. Badini Confalonieri, G. Infante, J. Torrejon, M. Vázquez*
- F1-08** Tunneling magnetoresistance in Co-Ni-N/Al granular thin films  
*Dumitrita Pînzaru, Sorin-Iulian Tanase, Petronela Pascariu, Lavinia Vlad, Marius Dobromir, Violeta Georgescu*
- F1-09** Magnetic properties of doped BaTiO<sub>3</sub> thin films  
*E.Venkata Ramana, H.W.Park, Miyoung Kim, B. W. Lee, C. U. Jung*
- F1-10** Effect of Ni/Mn stoichiometric variations in melt spun NiMnGa ferromagnetic shape memory alloys  
*A.K. Panda, S.Singh, M.Ghosh, R.K.Roy, Amitava Mitra*

- F1-11** Influence of vertical magnetized MnBi layers on the permeability of permalloy structures  
*S. Hansen, Z. Celinski, H.H. Gatzel*
- F1-12** Stripe and nematic phases in ferromagnetic ultrathin films with perpendicular anisotropy  
*Daniel A. Stariolo, Daniel G. Barci*
- F1-13** Structure, magnetostriction and magnetoelastic coupling coefficient of  $\text{Fe}_{100-x}\text{Ga}_x$  melt-spun ribbons  
*Nicoleta Lupu, Mihaela Lostun, Gabriel Ababei, Carmen Felicia Dascalu, Horia Chiriac*
- F1-14** Electrodeposition and study of asymmetric magnetoresistance of [Co / Zn] granular multilayers  
*Petronela Pascariu, Lavinia Vlad, Violeta Georgescu*
- F1-15** Properties of Fe-Mn-Si-Al based ferromagnetic shape memory wires  
*Shoichiro Yamamoto, Takashi Todaka, Masato Enokizono*