

Session F3 - Thin films, metamaterials, novel and special materials II
Wednesday, September 9

- F3-01** Properties of Fe-Mn-Si based ferromagnetic shape memory ribbons
Hideki Shuto, Takashi Todaka, Masato Enokizono
- F3-02** Structural characteristics and magnetic properties of Fe oxide nanoparticles
M. Pasquale, E. Olivetti, P. Rizzi, V. A. Coleman, J. Herrmann
- F3-03** Magnetic characterization of water suspensions of iron nanoparticles for groundwater remediation
Marco Coïsson, Rajandrea Sethi, Xue Dingqi, Carlo Appino
- F3-04** Morphology and magnetic structure of sputtered Co Quantum-dot Cellular Automata patterns obtained by Electron Beam Lithography
Salvatore Giurdanella, Alessandro Chiolerio, Edvige Celasco, Paola Martino, Paolo Allia, Paolo Pandolfi, Federica Celegato
- F3-05** Magnetization properties of FeTb thin films
A. Magni, F. Celegato, M. Coisson, E.S. Olivetti, M. Pasquale, C.P. Sasso
- F3-06** Modeling of plastic deformation in ferromagnetic thin films
Martin J. Sablik, Wilhelmus J. Geerts, Fernando J.G. Landgraf, Marcos F. de Campos
- F3-07** Effects of growth parameters on magnetism and structure in NiMnGa thin films deposited on MgO
Franca Albertini, Simone Fabbri, Francesca Casoli, Lucia Nasi, Vladimir A. Chernenko, Lara Righi, Massimo Solzi, Javier Olvera Cervantes, Stefano Besseghini, Andrea Gambardella
- F3-08** Magnetic properties of exchange coupled soft Py/Cr/Py thin trilayer films
Bekir Aktaş, Abdullah N. Koçbay, Ramazan Topkaya, Mustafa Özdemir, Mustafa Erkovan, Osman Öztürk
- F3-09** Magnetic properties of Fe-Co nanocomposite films
Adriana Lancok, Marcel Miglierini, Frantisek Fendrych, Mariana Klementova
- F3-10** Current-induced magnetization reversal in [Py/Cu] magnetic multilayered nanowires
Horia Chiriac, Nicoleta Lupu, Spyros Krimpali, Oana Dragos, Marian Grigoras

- F3-11** High frequency response of Permalloy nanonetworks prepared by electrodeposition
André Gündel, José F. G. Filho, Felipe Bohn, Alexandre D. C. Viegas, Renata A. Simão, Rubem L. Sommer
- F3-12** Magnetic properties of FeSiB powders, suspensions and in rigid matrix
Horia Chiriac, George Stoian
- F3-13** Magnetostriction of Fe-Ti alloys
C. Bormio-Nunes, R. Sato Turtelli, A. R. Belarmino, C. T. Santos, V. C. Ugeda, M. Atif, R. Grössinger
- F3-14** Magnetic properties of Zr₉Ni₁₁ intermetallic compound
V. Provenzano, R.D. Shull, R. M. Waterstrat, L. H. Bennett, E. Della Torre, H. Seyoum
- F3-15** Yttrium iron garnet epitaxial films doped with rhodium: ⁵⁷Fe NMR study
Šárka Toufarová, Vojtěch Chlan, Helena Štěpánková, Karel Kouřil, Miroslav Kučera, Karel Nitsch
- F3-16** Ordered superparamagnetic nanocomposite for high density storage media
Adriana Zeleňáková, Jozef Kováč, Vladimír Zeleňák
- F3-17** Single domain-wall dynamics in ferromagnetic/superconducting heterostructures grown on twinned LaAlO₃ substrate
F. Laviano, R. Gerbaldo, G. Ghigo, L. Gozzelino, G. Leopardo, B. Minetti, E. Mezzetti, P. Przyslupski, A. Wisniewski