
LIST OF PUBLICATIONS

Magnetization damping in ultrathin Co films: Evidence for non-local effects

J.-M. L. Beaujour, J. Lee, A. D. Kent

To be submitted to Phys. Rev. B

Ferromagnetic resonance study of polycrystalline Cobalt ultrathin films

J.-M. L. Beaujour, W. Chen, A. D. Kent, J. Z. Sun

Accepted for publication in J. Appl. Phys. (2006)

Vector Magnetometer studies of the easy magnetisation direction in epitaxially grown DyFe₂ film.

A. Zhukov, G.J. Bowden, J.-M. L. Beaujour, B. Rainford, P. de Groot, R. Ward, M. Wells, H. Kupfer
J. Magn. Magn. Mater. **270** (3): 312-320 (2003)

Room temperature coercivities of Tb_{1-x}Dy_xFe₂ (110) MBE grown films.

J.-M. L. Beaujour, G. Bowden, A. Zhukov, B. Rainford, P. de Groot, R. Ward, M. Wells

J. Appl. Phys. **93** (10): 8639-8640 (2003)

Modelling the magnetic properties of DyFe₂ – YFe₂ superlattices

G. Bowden, J.-M. L. Beaujour, A. Zhukov, B. Rainford, P. de Groot, R. Ward, M. Wells

J. Appl. Phys. **93** (10): 6480-6482 (2003)

Anisotropic magnetoresistance in an epitaxial (110) DyFe₂ film: a meta-stable magnetic state at 100K

J.-M. L. Beaujour, G. Bowden, A. Zhukov, B. Rainford, P. de Groot, R. Ward, M. Wells, A. Jansen

J. Magn. Magn. Mater. **257**: 270 (2003)

Some universal results for exchange spring magnets and applications to DyFe₂-YFe₂ superlattices

G. Bowden, G. Daniell, S. Gordeev, J.-M. L. Beaujour, P. de Groot, B. Rainford, R. Ward, M. Wells

J. Magn. Magn. Mater. **240**: 556-558 (2002)

Giant Magnetoresistance by exchange springs DyFe₂-YFe₂ superlattices

S. Gordeev, J.-M. L. Beaujour, G. Bowden, P. de Groot, B. Rainford, R. Ward, M. Wells, A. Jansen

Phys. Rev. Lett. **87**: 186808 (2001)

Spin configuration and negative coercivity in epitaxially grown DyFe₂/YFe₂ superlattices

S. Gordeev, J.-M. L. Beaujour, G. Bowden, P. de Groot, B. Rainford, R. Ward, M. R. Wells

J. Appl. Phys. **89**: 6828 (2001)

Negative coercivity in epitaxially grown (110) DyFe₂-YFe₂ superlattices

J.-M. L. Beaujour, G. Bowden, S. Gordeev, P. de Groot, B. Rainford, R. Ward, M. Wells

Appl. Phys. Lett. **78**: 964 (2001)

Exchange springs in YFe₂ dominated DyFe₂-YFe₂ superlattices

J.-M. L. Beaujour, G. Bowden, S. Gordeev, P. de Groot, B. Rainford, R. Ward, M. Wells

J. Magn. Magn. Mater. **226-230**: 1870-2 (2001)

Effect of exchange springs on the coercivity of DyFe₂-YFe₂ superlattices

J.-M. L. Beaujour, G. Bowden, S. Gordeev, P. de Groot, B. Rainford, R. Ward, M. Wells

J. Magn. Magn. Mat. **226-230**: 1714-6 (2001)

Discrete exchange springs in magnetic multilayer samples

G. Bowden, J.-M. L. Beaujour, S. Gordeev, P. de Groot, B. Rainford, R. Ward, M. Wells
J. Phys. Cond. Mat. **12**: 9335-9346 (2000)

Exchange springs in anti-ferromagnetically coupled DyFe₂-YFe₂ superlattices

M. Sawicki, G. Bowden, P. de Groot, B. Rainford, J.-M. L. Beaujour, R. Ward, M. Wells
Phys. Rev. B **62**: 5817-20 (2000)

Engineering coercivity in epitaxially grown (110) films of DyFe₂-YFe₂ superlattices

M. Sawicki, G. Bowden, P. de Groot, B. Rainford, J.-M. L. Beaujour, R. Ward, M. Wells
Appl. Phys. Lett. **77**: 573-5 (2000)