

Publications and contributions to conferences

I. Articles

1. M. Spasova, U. Wiedwald, R. Ramchal, M. Farle, M. Jergel, E. Majkova, S. Luby, R. Senderak
Magnetization and magnetic anisotropy of Co/W multilayers
457 Phys. Stat. Sol. B - Basic Research **225**, 449 (2001)
2. M. Spasova, U. Wiedwald, R. Ramchal, M. Farle, M. Hilgendorff, M. Giersig
Magnetic properties of arrays of interacting Co nanocrystals
J. Magn. Magn. Mater. **240**, 40 (2002)
3. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Magnetic domains and domain wall structure in Ni/Cu(001) films imaged by spin-polarized low energy electron microscopy
Phys. Rev. B **68**, 054418 (2003)
4. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Spiral-like continuous Spin-Reorientation Transition of Fe/Ni bilayers on Cu(100)
Phys. Rev. B **69**, 214401 (2004)
5. R. Ramchal, C. Klein, A. K. Schmid, M. Farle, H. Poppa
Step-induced spiral-like Spin-Reorientation Transition of ultrathin Ni/Cu(100) films in preparation

II. Talks

1. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Domänenbeobachtung am Spin-Reorientierungsübergang von ultradiinnen Ni/Cu(100)-Filmen mittels SPLEEM
Frühjahrstagung der Deutschen Physikalischen Gesellschaft, (Regensburg, 2002)

2. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Domänenbeobachtung am Spin-Reorientierungsübergang von ultradünnen Ni- und Fe/Ni-Filmen auf Cu(100) mittels SPLEEM
Workshop “Struktur und Magnetismus ultradünner Metallfilme 5”, (Chandolin, Switzerland, 2003)
3. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Domänenbeobachtung am Spin-Reorientierungsübergang von ultradünnen Fe/Ni/Cu(100)-Filmen mittels SPLEEM
Frühjahrstagung der Deutschen Physikalischen Gesellschaft, (Dresden, 2003)
4. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Imaging the magnetic microstructure of ultrathin Fe/Ni/Cu(100) films at the spin-reorientation transition by SPLEEM
XVIII. International Colloquium on Magnetic Films and Surfaces, (Madrid, 2003)

III. Posters

1. M. Spasova, U. Wiedwald, E. L. Bizdoaca, R. Ramchal, M. Farle, M. Hilgendorff, M. Giersig
Magnetic properties of magnetophoretically deposited Co nanocrystals
Symposium on Magnetic Multilayers (Aachen, 2001)
2. M. Spasova, U. Wiedwald, E. L. Bizdoaca, R. Ramchal, M. Farle, M. Hilgendorff, M. Giersig
Magnetic properties of magnetophoretically deposited Co nanocrystals
Joint Summer Workshop on Mesomagnetism (Santorini, Greece, 2001)
3. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Observation of magnetic domains of ultrathin Ni/Cu(100) films by SPLEEM
281. WE Heraeus Seminar “Spin-Orbit Interaction and Local Structure in Magnetic Systems with Reduced Dimensions”, (Wandlitz, 2002)
4. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Magnetic domain wall structure of Ni/Cu(100) and the Spin-Reorientation Transition of Fe/Ni/Cu(100) thin films imaged by SPLEEM
International Workshop X “Magnetic Heterostructures”, (Bochum, 2002)
5. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa
Magnetic domain structure of Ni/Cu(100) and the Spin-Reorientation Transition of

Fe/Ni/Cu(100) thin films imaged by SPLEEM

International Symposium on Structure and Dynamics of Heterogeneous systems, (Duisburg, 2003)

6. R. Ramchal, A. K. Schmid, M. Farle, H. Poppa

Magnetic domain imaging at the Spin-Reorientation Transition of ultrathin Ni and Fe/Ni films on Cu(100) by SPLEEM

30. Edgar Lüscher Seminar, (Serneus, Switzerland, 2004)

