



Monday Poster award: **P-Mo-28**

SPIN-TORQUE-INDUCED PRECESSION IN FULLY-EPITAXIAL Fe/MgO/Fe(001) MAGNETIC TUNNEL JUNCTIONS

R. Masumoto^{1,2,3}, A. Fukushima¹, K. Yakushiji¹, T. Nagahama¹, H. Kubota¹, T. Katayama¹,

Y. Suzuki^{1,2}, K. Ando¹, S. Yuasa¹, B. Georges³, V. Cros³, J. Grollier³, and A. Fert³

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Poster Presenter: Ms. Rie Masumoto



Monday Poster award: **P-Mo-30**

SPIN TRANSFER INDUCED VORTEX OSCILLATIONS IN MgO BASED MAGNETIC TUNNEL JUNCTIONS

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Poster Presenter: Antoine Dussaux



Tuesday Poster Award: **P-Tue-25**

Cheng-Tien Chang, Aimo Winkelmann, Ping, Yu, Jürgen Kirschner
Study of Magnetic Dichromism in Two-Photon Photoemission from ultrathin Cobalt films

MPI Mikrostrukturphysik, Halle, Germany

Poster Presenter: Cheng-Tien Chang



Tuesday Poster Award: **P-Tue-74**

SURFACE AND BULK MAGNETISM AND STRUCTURE OF HEUSLER FILMS

E. Arbelo Jorge¹, C. Herbort¹, H. J. Elmers¹, P. Klaer¹, M. Kallmayer¹, V. Ksenofontov², C. Felser² and M. Jourdan¹

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Poster Presenter: Elena Arbelo Jorge



Wednesday Poster Award **P-Wed-36**

ANOMALOUS HALL EFFECT IN FERROMAGNETIC THIN FILMS OVER A WIDE RANGE IN CONDUCTIVITY

S. Sangiao^{1,*}, L. Morellon^{1,2}, G. Simon¹, J. M. De Teresa², J. A. Pardo^{1,3}, J. Arbiol⁴ and M. R. Ibarra^{1,2}

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Poster Presenter: Soraya Sangiao



Wednesday Poster Award **P-Wed-43**

P. Bose, P. Zahn, I. Mertig, and J. Henk

**Tailoring TMR Ratios in Fe/MgO/Fe by magnetic buffer layers:
Predictions from First Principles Theory**

Martin-Luther Universität Halle, Institut für Physik, Germany

MPI Mikrostructurephysics, Halle, Germany

Poster Presenter: Peter Bose



Thursday Poster Ward P-Thurs-02

SPATIALLY RESOLVED MAGNETIC HYSTERESIS LOOPS ON SINGLE NANOSTRUCTURES

S. Wedekind, H. Oka, G. Rodary, D. Sander, and J. Kirschner

Max Planck Institute of Microstructure Physics, Weinberg 2, D-06120 Halle, Germany

Poster Presenter: Sebastian Wedekind



Thursday Poster Ward P-Thurs-11

MAGNETICALLY HINDERED CHAIN FORMATION IN TRANSITION METAL BREAK JUNCTIONS

A. Thiess*^{1,2}, Y. Mokrousov^{1,2}, S. Heinze², and S. Blügel¹

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Poster Presenter: Alexander Thiess