

P-Mo01	* Kristian Döbrich (1), Andreas Goris (1), Ilja Panzer (1), Anke Birte Schmidt (2), Martin Pickel (1), Markus Donath (2), Martin Weinelt (1)	(1) Max-Born-Institut, A1, Berlin, Germany; (2) Westfälische Wilhelms Universität, Physikalisches Institut, Münster, Germany	Role of exchange scattering for hot-electron lifetimes in Co
P-Mo02	* Alexander Kaiser (1), Carsten Wiemann (1), Stefan Cramm (1), Claus M. Schneider (1)	(1) Forschungszentrum Jülich, Institut für Festkörperforschung IFF-9, 52425 Jülich, Germany	Layer-resolved Magnetization Dynamics in Interlayer Exchange Coupled Trilayers
P-Mo03	* Felix Kurth (1), Jeffrey McCord (1), Rudolf Schäfer (1), Ludwig Schultz (1)	(1) Leibniz Institute for Solid State and Materials Research Dresden, Magnetic Microstructures, Dresden, Germany	ANNIHILATION OF 360°-DOMAIN-WALLS BY HIGH-FREQUENCY MAGNETIC FIELD PULSES
P-Mo04	* Helmut Schultheiß (1), Björn Obry (1), Christian Sandweg (1), Sebastian Hermsdörfer (1), Britta Leven (1), Burkard Hillebrands (1)	(1) TU Kaiserslautern, Fachbereich Physik and Research Center OPTIMAS, Kaiserslautern, Deutschland	Dissipation and coupling of spin-wave eigenmodes in nano-scaled magnetic ring structures
P-Mo05	* Sebastian J. Hermsdörfer (1), Helmut Schultheiss (1), Christopher Rausch (1), Philipp Pirro (1), Sebastian Schäfer (1), Britta Leven (1), Sang-Koog Kim (2), Burkard Hillebrands (1)	(1) Technische Universität Kaiserslautern, Fachbereich Physik, Kaiserslautern, Germany; (2) Seoul National University, Research Center for Spin Dynamics & Spin-Wave Devices, Nanospinics Laboratory, Department of Materials Science and Engineering, Seoul, Republic of Korea	A SPIN-WAVE FREQUENCY DOUBLER BY OSCILLATING DOMAIN WALLS
P-Mo06	Thomas Schneider (1), Alexander A. Serga (1), Andrii V. Chumak (1), * Burkard Hillebrands (1), Christian W. Sandweg (1), Sandra Wolff (2), Mikhail P. Kostylev (3), Vasil S. Tiberkevich (4), Andrei N. Slavin (4)	(1) TU Kaiserslautern, Fachbereich Physik and Forschungszentrum OPTIMAS, Kaiserslautern, Germany; (2) TU Kaiserslautern, Nano+Bio Center, Kaiserslautern, Germany; (3) University of Western Australia, School of Physics, Crawley, Australia; (4) Oakland University, Department of Physics, Rochester, MI, USA	DIFFRACTIONLESS SPIN-WAVE CAUSTICS IN MAGNETIC FILMS
P-Mo07	* Stefan Buschhorn (1), Frank Brüßing (1), Radu Abrudan (1), Hartmut Zabel (1)	(1) Ruhr-Universität Bochum, Experimentalphysik IV, Bochum, Germany	TIME- AND ELEMENT RESOLVED PRECESSION DYNAMICS IN PY THIN FILMS
P-Mo08	* Yu Zhang (1), Jacek Prokop (1), Ioan Tudosa (1), Thiago Peixoto (2), Wen-Xin Tang (1), Khalil Zakeri (1), Jürgen Kirschner (1)	(1) Max-Planck-Institut für Mikrostrukturphysik, Halle, Germany; (2) Instituto de Física, Universidade de São Paulo, São Paulo, Brazil	SPIN DEPENDENCE OF INELASTIC EXCITATIONS REVEALED BY SPIN POLARIZED ELECTRON ENERGY LOSS SPECTROSCOPY
P-Mo09	* Jun\`ichi Ieda (1), Hiroki Sugishita (1), Sadamichi Maekawa (1)	(1) IMR, Tohoku University, Physics, Sendai, Japan	DYNAMICS OF VORTEX DOMAIN WALL IN PERMALLOY NANOWIRES
P-Mo10	* Marko Wietstruk (1), Cornelius Gahl (2), Torsten Kachel (1), Alexey Melnikov (3), Nikolaus Pontius (1), Christian Stamm (1), Muhammad Sultan (3), Wolfgang Eberhardt (1), Martin Weinelt (2), Uwe Bovensiepen (3), Hermann A. Dürr (1)	(1) Helmholtz-Zentrum Berlin, BESSY II, Berlin, Germany; (2) Max-Born-Institut, Berlin, Germany; (3) Freie Universität Berlin, FB Physik, Berlin, Germany	ULTRAFAST DEMAGNETIZATION PROCESSES IN GD
P-Mo11	* Yoshinobu Nakatani (1), Andre Thiaville (2), Keisuke Yamada (3), Shinya Kasai (3), Kensuke Kobayashi (3), Teruo Ono (3)	(1) University of Electro-Communications, Department of Computer Science, Tokyo, Japan; (2) CNRS & Université Paris-Sud, Orsay, France; (3) Kyoto University, Kyoto, Japan	Pulse current switching of a vortex core in a nanodot: a micromagnetic study
P-Mo12	* Tomonori Sato (1), Yoshinobu Nakatani (1)	(1) University of Electro-Communications, Department of Computer Science, Tokyo, Japan	Effect of the thermal fluctuation on the current induced vortex core switching time

P-Mo13	* Yoshinobu Nakatani (1), Hironobu Tanigawa (2), Shinya Kasai (2), Teruo Ono (2)	(1) University of Electro-Communications, Department of Computer Science, Tokyo, Japan; (2) Kyoto University, Kyoto, Japan	Effect of the external field on the current induced domain wall motion in nanowire with perpendicular anisotropy: a micromagnetic study
P-Mo14	T Yamane (1), Takayuki Nozaki (1), Masashi Shiraishi (1), Teruya Shinjo (1), J Makuko (2), M Matsubara (2), H Akimoto (2), Yuji Uehara (2), * Yoshishige Suzuki (1)	(1) Osaka University, Graduate School of Engineering Science, Toyonaka, Japan; (2) Fujitsu, Nagano, Japan	The accurate estimation of spin-torque influence on magnetic noise in TMR heads with an MgO barrier
P-Mo15	* Alexander Sukhov (1), Jamal Berakdar (2)	(1) Max Planck Institute of Microstructure Physics, IMPRS, Halle/Saale, Germany; (2) Martin-Luther-Universitaet Halle-Wittenberg, Institut fuer Physik, Halle/Saale, Germany	Steering Magnetization Dynamics of Nanoparticles with ultra short Pulses
P-Mo16	* Claudia Patschreck (1), Jeffrey McCord (1), Rainer Kaltoven (1), Rudolf Schäfer (1), Ludwig Schultz (1)	(1) Leibniz Institute for Solid State and Materials Research IFW Dresden, Dresden, Germany	DOMAIN STRUCTURE EFFECTS ON THE DYNAMIC RESPONSE OF PATTERNED FERROMAGNETIC THIN FILMS
P-Mo17	* Kerry O'Shea (1), Stephen McVitie (1), John Chapman (1)	(1) University of Glasgow, Physics and Astronomy, Glasgow, Scotland	PULSED FIELD DRIVEN DOMAIN WALL PROPAGATION IN PERMALLOY NANOWIRES
P-Mo18	* Kadir Vahaplar (1), Alexandra Kalashnikova (1), Alexey Kimel (1), Arata Tsukamoto (2), Akiyoshi Itoh (2), Andrei Kirilyuk (1), Theo Rasing (1)	(1) Radboud University Nijmegen, Institute for Molecules and Materials, Nijmegen, The Netherlands; (2) Nihon University, College of Science and Technology, Chiba, Japan	ULTRAFAST VISUALIZATION OF ALL-OPTICAL MAGNETIZATION REVERSAL IN GdFeCo-FILMS
P-Mo19	* Pranaba Kishor Muduli (1), Stefano Bonetti (1), Julian Garcia (1), Johan Åkerman (1), Olle G. Heinonen (2)	(1) Royal Institute of Technology, Department of Microelectronics and Applied Physics, Stockholm, 16440, Sweden; (2) Seagate Technology, 7801 Computer Avenue South, Bloomington, Minnesota 55435,, USA	MgO-BASED SPIN TORQUE OSCILLATORS WITH ABOVE 0.1uW OUTPUT POWER
P-Mo20	* Annerose Helmer (1), Sven Cornelissen (2), Thibaut Devolder (1), Joo-Von Kim (1), Maaïke Op de Beeck (2), Liesbet Lagae (2), Claude Chappert (1)	(1) Université Paris-Sud 11, Institut d'Electronique Fondamentale, Orsay, France; (2) IMEC, NextNS, Leuven, Belgium	LATERAL SIZE DEPENDENCE OF SPIN WAVE SPECTRA IN MAGNETIC TUNNEL JUNCTION NANOPILLARS
P-Mo21	* Annerose Helmer (1), Jun Hayakawa (2), Sven Cornelissen (3), Joo-Von Kim (1), Katsuya Miura (4), Maaïke Op de Beeck (3), Kenchi Ito (2), Thibaut Devolder (1), Hiromasa Takahashi (2), Shoji Ikeda (), Hideo Ohno (), Liesbet Lagae (3), Claude Chappert (1)	(1) Université Paris-Sud 11, Institut d'Electronique Fondamentale, Orsay, France; (2) Hitachi, Ltd., Advanced Research Laboratory, Tokyo, Japan; (3) IMEC, NextNS, Leuven, Belgium; (4) Tohoku University, Research Institute of Electrical Communication, Sendai, Japan	STACK COMPOSITION DEPENDENCE OF SPIN WAVE SPECTRA IN MAGNETIC TUNNEL JUNCTION NANOPILLARS
P-Mo22	* Laurence Bianchini (1), Sven Cornelissen (2), Joo-Von Kim (1), Thibaud Devolder (1), Maaïke Op de Beeck (2), Liesbet Lagae (2), Claude Chappert (1)	(1) Institut d'Electronique Fondamentale, NST, Orsay, France; (2) IMEC, FNS, Heverlee - (Leuven), Belgium	TEMPERATURE DEPENDENCE OF THE THRESHOLD CURRENT OF MAGNETIZATION OSCILLATIONS IN MAGNETIC TUNNEL JUNCTIONS.
P-Mo23	Yann Le Maho (1), * Joo-Von Kim (1), Gen Tatara (2)	(1) Institut d'Electronique Fondamentale, Orsay, France; (2) Tokyo Metropolitan University, Graduate School of Science, Tokyo, Japan	Spin-wave contributions to current-driven domain wall motion

P-Mo24	* Shigemi Mizukami (1), Daisuke Watanabe (1), Feng Wu (1), Mikihiro Oogane (2), Hiroshi Naganuma (2), Yasuo Ando (2), Terunobu Miyazaki (1)	(1) Tohoku University, WPI-AIMR, Sendai, Japan; (2) Tohoku University, Graduate School of Engineering, Sendai, Japan	FAST MAGNETIZATION DYNAMICS IN PERPENDICULARLY MAGNETIZED PT/CO/PT FILMS MEASURED BY ALL-OPTICAL PUMP-PROBE TECHNIQUE
P-Mo25	* Min-Sang Lee (1), Jie Li (1), Wei He (1), Björn Redeker (1), Edward Amaladass (2), Thomas Eimüller (3)	(1) Ruhr-University Bochum, Junior Research Group Magnetic Microscopy, Bochum, Germany; (2) Max-Planck-Institute for Metals Research, Stuttgart, Germany; (3) Hochschule Kempten, University of Applied Sciences, Faculty of Mechanical Engineering, Kempten, Germany	Dynamic magnetic imaging with high resolutions and large scanning ranges
P-Mo26	* Mircea Vomir (1), Jean-Yves Bigot (1)	(1) Institute of Physics and Chemistry of Materials Strasbourg, University of Strasbourg – CNRS, Department of Ultrafast Optics and Nanophotonics, Strasbourg, France	Comparison between the thermalization of spins and charges in ferromagnetic Ni films excited by femtosecond laser pulses
P-Mo27	* Yu Zhang (1), Thiago Peixoto (2), Jacek Prokop (1), Ioan Tudosa (1), Wen-Xin Tang (1), Khalil Zakeri (1), Jürgen Kirschner (1)	(1) Max-Planck-Institut für Mikrostrukturphysik, Halle, Germany; (2) Instituto de Física, Universidade de São Paulo, São Paulo, Brazil	SPIN DEPENDENT INELASTIC ELECTRON SCATTERINGS AND SURFACE BARRIER RESONANCE ON OXYGEN PASSIVATED Fe(001)
P-Mo28	* Rie Matsumoto (1), Akio Fukushima (2), Kay Yakushiji (2), Taro Nagahama (2), Hitoshi Kubota (2), Toshikazu Katayama (2), Yoshishige Suzuki (1), Koji Ando (2), Shinji Yuasa (2), Benoit Georges (3), Vincent Cros (3), Julie Grollier (3), Albert Fert (3)	(1) Osaka University, Graduate School of Engineering Science, Toyonaka, Japan; (2) National Institute of Advanced Industrial Science and Technology, Nanoelectronics Institute, Tsukuba, Japan; (3) Unité mixte de physique CNRS/Thales and Université Paris Sud 11, Palaiseau, France	SPIN-TORQUE-INDUCED PRECESSION IN FULLY-EPITAXIAL Fe/MgO/Fe(001) MAGNETIC TUNNEL JUNCTIONS
P-Mo29	Nicola de Mestier (1), * Ramesh Babu Gangineni (1), Claire Baraduc (1), Christophe Thirion (1), Liu Y (2), Li M (2), Wang P (2), Bernard DIENY (1)	(1) SPINTEC, GRENOBLE, France; (2) Headway Technologies, Milpitas, USA	SPIN TRANSFER TORQUE AND THERMALLY ASSISTED FERROMAGNETIC RESONANCE IN MAGNETIC TUNNEL JUNCTIONS
P-Mo30	* Antoine Dussaux (1), Benoit Georges (1), Julie Grollier (1), Vincent . Cros (1), Albert Fert (1)	(1) CNRS/Thales, Palaiseau, France	SPIN TRANSFER INDUCED VORTEX OSCILLATIONS IN MgO BASED MAGNETIC TUNNEL JUNCTIONS
P-Mo31	* Antoine Dussaux (1), Antonio Ruotolo (1), Benoit Georges (1), Michael Darques (1), Vincent Cros (1), Julie Grollier (1), Cyrille Deranlot (1), Stephan Fusil (1), Karim Bouzehouane (1), Albert Fert (1)	(1) CNRS/Thales, Palaiseau, France	DYNAMICS OF VORTEX OSCILLATORS INDUCED BY SPIN TRANSFER IN SINGLE AND MULTI-NANOCONTACT
P-Mo32	* Igor Barsukov (1), Ralf Meckenstock (1), Marc Möller (1), Jürgen Lindner (1), Heiko Wende (1), Michael Farle (1)	(1) University Duisburg-Essen, Center for Nanointegration Duisburg-Essen (CeNIDE), Duisburg, Germany	In-plane symmetry of spin relaxation processes in iron silicide thin films
P-Mo33	Roman Adam (1), Patrik Grychtol (1), * Claus Schneider (1)	(1) Research Center Jülich, IFF, Jülich, Germany	QUASI-STATIC AND TIME-RESOLVED T-MOKE MEASUREMENTS OF NiFe/MgO/Co LAYER STACKS IN THE EXTREME UV RANGE

P-Mo34	* Hitoshi Saito (1), Martin Siekman (2), Kodai Hatakeyama (1), Genta Egawa (1), Shunji Ishio (1), Satoru Yoshimura (1)	(1) Akita University, Faculty of Engineering and Resource Science, Akita, Japan; (2) Twente University, MESA+ Institute of Nanotechnology, Enschede, Netherlands	AC MAGNETIC FIELD IMAGING BY FREQUENCY MODULATED MANETIC FORCE MICROSCOPY (FM-MFM)
P-Mo35	* CHRISTIAN STAMM (1), NIKO PONTIUS (1), TORSTEN KACHEL (1), MARKO WIETSTRUK (1), HERMANN A. DÜRR (1)	(1) Helmholtz-Zentrum Berlin für Materialien u. Energie, Elektronenspeicherring BESSY II, Berlin, Germany	SPIN AND ORBITAL DYNAMICS IN ULTRAFAST DEMAGNETIZED FILMS
P-Mo36	* Jean-Yves BIGOT (1), Mircea VOMIR (1), Eric BEAUREPAIRE (1)	(1) IPCMS University of Strasbourg - CNRS, Strasbourg, France	MAGNETO-OPTICS PERFORMED WITH A SINGLE FEMTOSECOND PULSE
P-Mo37	* Ilie Radu (1), Christian Stamm (2), Niko Pontius (2), Torsten Kachel (2), Paul Ramm (3), Jan-Ulrich Thiele (4), Hermann Duerr (2), Christian Back (3)	(1) Radboud University Nijmegen, Institute for Molecules and Materials, Nijmegen, The Netherlands; (2) BESSY GmbH, Berlin, Germany; (3) Universitaet Regensburg, Fachbereich Physik, Regensburg, Germany; (4) Hitachi Global Storage Technologies, San Jose Research Center, San Jose, USA	LASER-INDUCED GENERATION AND QUENCHING OF MAGNETIZATION ON FeRh THIN FILMS
P-Mo38	* Hitoshi Kubota (1), Akio Fukushima (1), Kay Yakushiji (1), Satoshi Yakata (1), Shinji Yuasa (1), Koji Ando (1)	(1) National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, JAPAN	MAGNETORESISTANCE AND SPIN-TRANSFER SWITCHING IN CoFe/Ru/CoFeB CPP-GMR NANOPILARS
P-Mo39	* Yacine TALBI (1), Philippe DJEMIA (1), Yves ROUSSIGNE (1), Michel LABRUNE (1)	(1) LPMTM-UPR9001 CNRS, Université Paris 13, Villetaneuse, France	SIMULATION OF MAGNETIC EXCITATIONS IN SMALL COBALT DOTS SUPPORTING WEAK AND STRONG STRIPE DOMAINS
P-Mo40	* Yan Zhou (1), Stefano Bonetti (1), Chao Lin Zha (1), Johan Åkerman (1)	(1) Royal Institute of Technology, Microelectronics and Applied Physics, Kista, Stockholm, Sweden	Zero field precession and hysteretic threshold currents in tilted polarizer spin torque oscillators
P-Mo41	* Jan Rhensius (2), Lutz Heyne (1), Dirk Backes (2), Stephen Krzyk (1), Laura Heyderman (2), Frithjof Nolting (2), Mathias Kläui (1)	(1) Universität Konstanz, Fachbereich Physik, Konstanz, Germany; (2) Paul Scherrer Institut, Laboratory for Micro- and Nanotechnology, Villigen PSI, Switzerland	Field Induced Domain Wall Excitation In Permalloy Nanowires
P-Mo42	* Mohammed Basith (1), Stephen McVitie (1), Damien McGrouther (1), John Chapman (1)	(1) University of Glasgow, Physics and Astronomy, Glasgow, United Kingdom	PHYSICAL MICROSTRUCTURE AND MAGNETIC BEHAVIOUR OF DOMAIN WALLS IN PERMALLOY NANOWIRES
P-Mo43	* Hans Nembach (1), Hans Bauer (1), Justin Shaw (1), Michael Schneider (2), Tom Silva (1)	(1) National Institute of Standards and Technology, Magnetics Group, Boulder, USA; (2) University of Montana, Dept. of Physics and Astronomy, Missoula, USA	Experiments and Simulations of Microwave Assisted Magnetic Reversal in Ni80Fe20 Nanoelements
P-Mo44	Miriam Jaafar (1), Rocio Yanes (1), David Perez de Lara (2), Oksana Chubykalo-Fesenko (1), Agustina Asenjo (1), Elvira Maria Gonzalez (2), Jose Virgilio Anguita (3), Manuel Vazquez (1), * Jose Luis Vicent (2)	(1) CSIC, Instituto Ciencia Materiales, Madrid, Spain; (2) Universidad Complutense, Fisica Materiales, Madrid, Spain; (3) CSIC, Instituto Microelectronica, Madrid, Spain	SIMULATIONS AND EXPERIMENTS FOR CONTROLLING MAGNETIC VORTEX POLARITY AND CHIRALITY IN TRIANGULAR NANODOTS
P-Mo45	Abdelghani LARAOUI (1), Michèle ALBRECHT (1), * Mircea VOMIR (1), Jean-Yves BIGOT (1)	(1) Institut de Physique et Chimie des Matériaux de Strasbourg, University of Strasbourg - CNRS, Strasbourg, France	MAGNETO-OPTICAL PUMP PROBE IMAGING OF CoPt NANO-STRUCTURES

P-Mo46	Valérie Halté (1), Christophe Petit (2), Isabelle Lisiecki (2), Marie-Paule Piléni (2), * Jean-Yves Bigot (1)	(1) IPCMS, DON, strasbourg, france; (2) LM2N, Paris, FRANCE	MAGNETISATION DYNAMICS OF SELF-ORGANIZED COBALT NANOPARTICLES
P-Mo47	* Martin Müller (1), Christian Dietrich (1), Josef Zweck (1)	(1) Universität Regensburg, NWF II - Physik, Regensburg, Germany	TEM INVESTIGATIONS OF CURRENT-INDUCED GYROTROPIC VORTEX MOTION IN PERMALLOY DOTS
P-Mo48	* Capucine Burrowes (1), Dafiné Ravelosona (1), JooVon Kim (1), Ngoc-Minh Nguyen (1), Sang-Hwan Park (1), Claude Chappert (1), Eric Fullerton (2)	(1) Institut d'électronique Fondamentale, Orsay, France; (2) University of California, San Diego, USA	Stochastic domain wall depinning under current in perpendicularly magnetized element
P-Mo49	Mi-Young Im (1), Lars Bocklage (2), * Peter Fischer (1), Guido Meier (2)	(1) LBNL, CXRO, Berkeley CA, USA; (2) U Hamburg, Institut für Angewandte Physik und Zentrum für Mikrostrukturforschung, Hamburg, Germany	DIRECT OBSERVATION OF STOCHASTIC DOMAIN-WALL DEPINNING IN MAGNETIC NANOWIRES
P-Mo50	* Yuichi Kasatani (1), Hidenari Yamamoto (2), Akinobu Yamaguchi (3), Hideki Miyajima (4)	(1) Keio University, Department of Physics, Hiyoshi, Yokohama, Kanagawa, Japan; (2) Keio University, Department of Physics, Hiyoshi, Yokohama, Kanagawa, Japan; (3) Keio University, Department of Physics, Hiyoshi, Yokohama, Kanagawa, Japan; (4) Keio University, Department of Physics, Hiyoshi, Yokohama, Kanagawa, Japan	Magnetic Domain Wall Motion in Ferromagnetic Nanowires with Crystalline Anisotropy
P-Mo51	* Thomas Moore (1), Mihai Miron (1), Gilles Gaudin (1), Guillaume Serret (1), Stephane Auffret (1), Bernard Rodmacq (1), Alain Schuhl (1), Stefania Pizzini (2), Jan Vogel (2), Marlio Bonfim (3)	(1) CEA Grenoble, SPINTEC, Grenoble, France; (2) CNRS, Institut Néel, Grenobl, France; (3) Universidade Federal do Parana, Departamento de Engenharia Elétrica, Curitiba, Brazil	Current-induced domain wall motion in ultrathin Pt/Co/AIOx wires with perpendicular magnetic anisotropy
P-Mo52	* Roman Antos (1), Michal Urbanek (2), Yoshichika Otani (3)	(1) Charles University, Fac. of Math. & Phys., Prague, Czech Republic; (2) Brno University of Technology, Inst. of Phys. Engineering, Brno, Czech Republic; (3) University of Tokyo, ISSP, Kashiwa, Japan	Nonsteady excitations and switching processes of spin vortices in patterned magnetic nanodisks
P-Mo53	* Keisuke Yamada (1), Shinya Kasai (1), Yoshinobu Nakatani (2), Kensuke Kobayashi (1), Teruo Ono (1)	(1) Kyoto University, Institute for Chemical Research, Kyoto, Japan; (2) University of Electro-Communications, Department of Computer Science, Tokyo, Japan	Switching of magnetic vortex core by nano-second current pulses in elliptical disk
P-Mo54	* Tomohiro Koyama (1), Hironobu Tanigawa (1), Gen Yamada (1), Norikazu Ohshima (2), Shunsuke Fukami (2), Nobuyuki Ishiwata (2), Daichi Chiba (1), Shinya Kasai (1), Yoshinobu Nakatani (3), Teruo Ono (1)	(1) Institute for Chemical Research, Kyoto University, Kyoto, Japan; (2) Device Platforms Research Laboratories, NEC Corporation, Kanagawa, Japan; (3) University of Electro-communication, Tokyo, Japan	Current-Driven Domain Wall motion in Co/Ni wires with Perpendicular Magnetic Anisotropy
P-Mo55	* Kunihiko NAKANO (1), Shinya KASAI (1), Keisuke YAMADA (1), Kouta KONDOU (1), Norikazu OHSHIMA (2), Yoshinobu NAKATANI (3), Kensuke KOBAYASHI (1), Teruo ONO (1)	(1) Institute for Chemical Research, science, Uji, Japan; (2) Device Platforms Research Laboratory, Kanagawa, Japan; (3) The University of Electro-Communications, Computer Science, Tokyo, Japan	REAL-TIME DETECTION OF THE VORTEX CORE RESONANCE MOTION BY USING A MAGNETIC TUNNELING JUNCTION

P-Mo57	* Bartek Kardasz (1), Oleksandr Mosendz (2), Bret Heinrich (1)	(1) Simon Fraser University, Physics, Burnaby, Canada; (2) Argonne National Laboratory, Material Science Division, Argonne, USA	MAGNETIC DAMPING IN Fe ULTRATHIN FILMS GROWN ON GaAs(001)
P-Mo58	Michael Sigalov (1), * Eugene Kamenetskii (1), Reuven Shavit (1)	(1) Ben Gurion University of the Negev, Electrical and Computer Engineering, Beer Sheva, Israel	VORTEX STATES OF MAGNETIC-DIPOLAR MODES IN THIN-FILM FERRITE DISKS
P-Mo59	Ronald Lehndorff (1), * Daniel E. Bürgler (1), Sebastian Gliga (1), Riccardo Hertel (1), Peter Grünberg (1), Zbigniew Celinski (2), Claus M. Schneider (1)	(1) Forschungszentrum Jülich GmbH, Institut für Festkörperforschung, Jülich, Germany; (2) University of Colorado, Center for Magnetism and Magnetic Nanostructures, Colorado Springs, USA	SPIN TORQUE OSCILLATORS: VORTEX STATE VERSUS UNIFORM MAGNETIZATION
P-Mo60	Dimitri Houssameddine (1), * Juan Francisco Sierra (1), Kevin Garello (2), Jean-Philippe Michel (2), Ursula Ebels (1), Bertrand Delaët (2), Bernard Dieny (1), Marie-Claire Cyrille (2), Jordan A Katine (3), Daniel Mauri (4)	(1) SPINTEC, URA 2512 CEA/CNRS/UJF/INPG, Grenoble, France; (2) CEA-LETI-MINATEC, DRT/LETI/DIHS, Grenoble, France; (3) San José Research Center, Hitachi Global Storage, San Jose, USA; (4) Hitachi Global Storage Technologies, San José, USA	TIME DOMAIN STUDIES OF SPIN TORQUE OSCILLATORS BASED ON MGO TUNNEL JUNCTIONS
P-Mo61	* Junichiro Ohe (1), Stewart. E. Barnes (2), Sadamichi Maekawa (1)	(1) Tohoku University, Sendai, Japan; (2) University of Miami, Physics Department, Florida, USA	SPIN-MOTIVE-FORCE DRIVEN BY DYNAMICS OF MAGNETIC VORTEX
P-Mo62	* Takuya Ono (1), Hiroshi Naganuma (1), Mikihiro Oogane (1), Yasuo Ando (1)	(1) Tohoku University, Graduate School of Engineering, Sendai, Japan	SPIN TRANSFER SWITCHING OF SYNTHETIC CoFeB/Ru/NiFe FREE LAYER WITH MgO BARRIER
P-Mo63	* Jean-Paul Adam (1), Nicolas Vernier (1), Jacques Ferré (1), André Thiaville (1), Vincent Jeudy (1), Aristide Lemaître (2), Laura Thevenard (2), Giancarlo Faini (2)	(1) Université Paris-Sud XI Laboratoire de Physique des Solides, 91405 Orsay, France; (2) Laboratoire de Photonique et Nanostructures, 91460 Marcoussis, France	CURRENT INDUCED DOMAIN WALL MOTION IN A GaMnAs TRACK
P-Mo64	* ALEXEY Melnikov (1), ILYA Razdolski (2), TIM Wehling (3), EVANGELIS Papaioannou (1), PAUL Fumagalli (1), OLEG Aktsipetrov (2), ALEXANDER Lichtenstein (3), UWE Bovensiepen (1)	(1) Freie Universität Berlin, Fachbereich Physik, Berlin, Germany; (2) Moscow State University, Physics Department, Moscow, Russia; (3) Universität Hamburg, Institut für Theoretische Physik, Hamburg, Germany	ULTRAFAST TRANSPORT OF SPIN POLARIZED CARRIERS INDUCED BY FEMTOSECOND LASER PULSES IN Au/Fe/MgO(001)
P-Mo66	Nicolas Müsgens (1), Sarah Fahrendorf (1), Thomas Maaßen (1), Marc Weidenbach (1), S. Rizwan Ali (1), Alexander Heiss (2), Joachim Mayer (2), Bernd Beschoten (1), * Gernot Güntherodt (1)	(1) RWTH Aachen University, Physics Institute IIA, Aachen, Germany; (2) RWTH Aachen University, Central Facility for Electron Microscopy, Aachen, Germany	CURRENT-INDUCED MAGNETIZATION DYNAMICS IN MAGNETIC SINGLE- AND DOUBLE-LAYER NANOPILLARS GROWN BY MOLECULAR BEAM EPITAXY
P-Mo67	* Chun-Yeol You	Inha University, Dept. of Phys., Incheon, Republic of Korea	SPATIAL PROFILES OF ADIABATIC AND NON-ADIABATIC SPIN TRANSFER TORQUE IN NÉEL AND VORTEX DOMAIN WALLS IN NANOWIRES
P-Mo68	* Jacques Miltat (1), Ilya Krivorotov (2)	(1) Univ. Paris-Sud & CNRS, Lab. de Physique des Solides, 91405 Orsay, France; (2) Univ. of California, Dept. of Physics and Astronomy, Irvine, Ca 92697-4575, USA	A FINITE DIFFERENCE MULTISCALE EVALUATION OF THE OERSTED FIELD IN SPIN TORQUE NANOSTRUCTURES

P-Mo69	* PETER METAXAS (1), ROBERT STAMPS (1), JEAN-PIERRE JAMET (2), JACQUES FERRE (2), BERNARD RODMACQ (3), VINCENT BALTZ (3), PAOLO POLITI (4)	(1) UWA, SCHOOL OF PHYSICS, CRAWLEY, AUSTRALIA; (2) CNRS, LABO. DE PHYSIQUE DES SOLIDES, ORSAY, FRANCE; (3) SPINTEC-CEA, SPINTEC, GRENOBLE, FRANCE; (4) CNR, ISC, SESTO FIORENTINO, ITALY	DYNAMIC BINDING OF MAGNETIC DOMAIN WALLS IN AN EXCHANGE COUPLED MAGNETIC PT/CO/PT/CO/PT BILAYER
P-Mo70	* Fatih Zighem (1), Jamal ben Youssef (2), Yves Roussigné (3), Fabien Paumier (4), Mourad Chérif (3), Philippe Moch (3)	(1) Laboratoire Léon Brillouin CEA/CNRS, 91191, Gif-sur-Yvette, france; (2) LMB, 29238, Brest, france; (3) LPMTM CNRS UPR 9001, 93430, Villetaneuse, france; (4) PHYMAT UMR 6630, 86 962, Poitiers, France	SPIN DYNAMICS IN EXCHANGE BIASED BILAYERS: BLS AND FMR STUDY
P-Mo71	* FERNANDO PELEGRINI (1), VALBERTO NASCIMENTO (), EDSON PASSAMANI (), ARMANDO BIONDO (), ELISA BAGGIO-SAITOVITCH (2)	(1) universidade Federal de Goiás, Instituto de Física, Goiânia, Brazil; (2) Centro Brasileiro de Pesquisas Físicas, Rio de Janeiro, Brazil	SPIN WAVE RESONANCE IN EXCHANGE-BIASED NiFe/FeMn/NiFe ASYMMETRICAL TRILAYERS