

2nd September			
16:00 – 18:00	Workshop registration		
18:00	Welcome Party		
3rd September			
9:00 – 9:15	Opening ceremony TUKL B. Hillebrands		
9:15 – 10:00	Introductory Lecture – <i>Spin Waves in Magnetic Rings: Linear and Nonlinear Properties, Non-local Damping</i>		
Session I: Pillar & Point Contact Devices			
Chairman: B. Hillebrands			
10:05 – 10:50	I-1-I	TU Warsaw R. Świrkowicz	<i>Current-induced Spin-transfer Torque in Magnetic Tunnel Junctions</i>
10:55 – 11:10	I-2-C	INESC R. Macedo	<i>Nanofabrication of 30nm Pillars for Current Induced Switching Devices</i>
11:15 – 11:40	Coffee break		
Chairman: B. Leven			
11:40 – 12:25	I-3-I	IMEC W. Van Roy	<i>Spin Transfer Torque Point Contacts and Nanopillars</i>
12:30 – 12:45	I-4-C	AMU P. Baláž	<i>Transport-dependent Current-induced Switching of Symmetric and Asymmetric Spin Valves</i>
12:50 – 13:05	I-5-C	IFF Jülich V. Sluka	<i>Spin-Transfer Induced Dynamic Modes in Single-crystalline Fe/Ag/Fe Nanopillars</i>
13:10 – 14:30	Lunch		
Chairman: B. Dieny			
14:30 – 15:15	I-6-I	CNRS/Thales J. Grollier	<i>Phase Locking of a Spin Transfer Oscillator to an External Microwave Current: A Milestone for the Synchronization of a Large Assembly of STOS</i>
15:20 – 15:35	I-7-C	USAL E. Jaromirska	<i>Simulation of Current-induced Vortex Excitations in Point Contact Devices</i>
15:40 – 16:10	I-8-KT	UPS A. Helmer	<i>Quantized Spin Wave Modes in Magnetic Tunnel Junctions</i>
16:15 – 16:45	Coffee break		
Chairman: N. Lupu			
16:45 – 17:00	I-9-C	UKO J.S. Kim	<i>Current-induced Domain Wall Oscillation and Propagation</i>
17:05 – 17:20	I-10-C	U. Cambridge A. Aziz	<i>Spin Transfer Torque in CPP Nanopillars Fabricated using 3D-gallium Focused Ion Beam Milling</i>
17:25 – 17:40	I-11-C	U. Duisburg O. Posth	<i>Spin Transfer Torque in Co/Cu/Py-Pillars Investigated by Ferromagnetic Resonance</i>

17:45 – 18:00	I-12-C	UPS A. Thiaville	<i>Electrical Rectification Effect in Single Domain Magnetic Microstrips: A Micromagnetics-based Analysis</i>
18:10	Poster Session		
4th September			
Session II: Nanowires & Domain Wall Propagation			
Chairman: U. Rüdiger			
9:00 – 9:45	II-1-I	UKO M. Kläui	<i>Current Induced Domain Wall Dynamics</i>
9:50 – 10:20	II-2-KT	MIT F.J. Castaño	<i>Domain Wall Configurations in Multilayer Magnetic Rings</i>
10:25 – 10:40	II-3-C	CEA J.-P. Attane	<i>Electron-Magnon Scattering and Magnetization Switching Detection in Perpendicularly Magnetized Thin Films and Nanowires</i>
10:45 – 11:15	Coffee break		
Chairman: M. Kläui			
11:15 – 11:45	II-4-KT	UGLA D. McGrouther	<i>Observation of Domain Wall Behaviour in Nanowires by Lorentz TEM</i>
11:50 – 12:05	II-5-C	UGLA M.A. Basith	<i>In-Situ Lorentz Microscopy Studies of Vortex Domain Walls in Nanowires Containing Pinning Potentials</i>
12:10 – 12:40	II-6-KT	INAM L. Klein	<i>Current-induced Manipulation of Domain-walls in SrRuO₃</i>
12:45 – 13:00	II-7-C	U. Kiev D.D. Sheka	<i>Current Induced Magnetic Vortex Core Dynamics</i>
13:10 – 14:40	Lunch		
Chairman: L. Lopez Diaz			
14:40 – 15:10	II-8-KT	NIRDTP N. Lupu	<i>Single and Multilayered Magnetic Nanowires for Spintronics Preparation and Characterization</i>
15:15 – 15:30	II-9-C	IMEC K. Weerts	<i>Enhancement of Magnetic Domain Wall Velocity by Oscillating Magnetic Fields</i>
15:35 – 15:50	II-10-C	U. Hamburg S. Bohlens	<i>Magnetization Dynamics of Current- and Field-driven Domain Walls and Vortices</i>
Session III: Functional Devices			
15:55 – 16:40	III-1-I	CEA U. Ebels	<i>Large Angle Steady State Precessions Induced by a Perpendicular Polarizer</i>
17:00 – 19:00	City tour		
19:00	Workshop Dinner on the Boat		

5th September			
Session III: Functional Devices			
Chairman: C. Chappert			
9:00 – 9:45	III-2-I	ICL R. Cowburn	<i>Domain Wall Propagation in Artificially Structured Nanowires</i>
9:50 – 10:20	III-3-KT	CEA C. Baraduc	<i>Spin Transfer Torque and Thermally Assisted Ferromagnetic Resonance in Magnetic Tunnel Junctions</i>
10:25 – 10:40	III-4-C	IMEC/UPS S. Cornelissen	<i>Single Peaked Spin Torque RF Mode in a Low Resistance Are a Nanopillar Device</i>
10:45 – 11:15	Coffee break		
Chairman: R. Cowburn			
11:15 – 12:00	III-5-I	TOHOKU H. Ohno	<i>Current-induced Magnetization Switching for Next Generation Integrated Circuits</i>
12:05 – 12:20	III-6-C	CNRS/Thales A. Ruotolo	<i>Magnetic Vortex Dynamics in Multi-point-contact Systems</i>
12:25 – 12:40	III-7-C	TUKL A. Laraoui	<i>DC Current Controlled Three Magnon Scattering Process in Spin-torque Nano-oscillators</i>
12:45 – 14:15	Lunch		
Session IV: Hot Topics			
Chairman: H. Ohno			
14:15 – 15:00	IV-1-I	TU Rzeszow V. Dugaev	<i>Anomalous and Spin Hall Effects</i>
15:05 – 15:50	IV-2-I	U. Tokyo T. Kimura	<i>Manipulation of Spin Current and Spin Hall Effects in Metallic Systems</i>
15:55 – 16:10	IV-3-C	THALES J.-C. Mage	<i>Microwave Applications of STOs</i>
16:15 – 16:45	Coffee break		
16:45 – 17:00	IV-4-C	MPI Halle J. Prokop	<i>High Wave Vector Spin Waves in Ultrathin Fe/W(110) Films</i>
17:05 – 17:20	IV-5-C	AMU M. Krawczyk	<i>The Effect of Cross-section Geometry and Size on Magnetostatic Modes in Nanorods</i>
Training			
Chairman: T. Stobiecki			
17:25 – 18:10	IV-6-I	AGH P. Gryboś	<i>Low Noise Mix-Mode Integrated Circuits for Micro-sensor readout</i>
18:30	Lab tour		