

# Conference Program at a glance

	Sunday, May 4	Monday, May 5	Tuesday, May 6	Wednesday, May 7	Thursday, May 8				
<b>8:00</b>		<b>Poster sessions</b>	<b>Coffee</b>	<b>Poster sessions</b>	<b>Coffee</b>				
<b>9:00</b>		<p><b>AP</b> Power and Control Magnetics I</p> <p><b>AQ</b> Rare earth transition metal borides I</p> <p><b>AR</b> Intermetallic and other hard magnets I</p> <p><b>AS</b> Spin Orbitronics and Spin Transfer Torques I</p> <p><b>AT</b> Soft magnetic crystalline alloys and thin films I</p> <p><b>AU</b> Magnetic nanowires I</p> <p><b>AV</b> Exchange bias I</p> <p><b>AW</b> Multiferroic materials and complex oxides I</p>	<p><b>Oral sessions</b></p> <p><b>AA</b> PM machines and actuators</p> <p><b>AB</b> Magnetization dynamics I</p> <p><b>AC</b> Domain Walls and Magnetic Logic</p> <p><b>AD</b> Energy assisted magnetic recording beyond 1TB/in<sup>2</sup> (Symposium)</p> <p><b>AE</b> Micromagnetics I</p> <p><b>AF</b> Magnetic sensors (non-recording) and MEMS I</p> <p><b>AG</b> Magnetoelastic materials and devices I</p> <p><b>AH</b> Ultrathin Films and Surface Effects: Magnetic Anisotropy</p>	<p><b>CP</b> Motors, generators and actuators V</p> <p><b>CQ</b> Motors, generators and actuators VI</p> <p><b>CR</b> Magnetic Recording</p> <p><b>CS</b> Magnetic Imaging I</p> <p><b>CT</b> Multilayer Films and Superlattices I</p> <p><b>CU</b> Ab-initio and transport II</p> <p><b>CV</b> Hysteresis and micromagnetics I</p> <p><b>CW</b> Magnetocaloric materials</p>	<p><b>Oral sessions</b></p> <p><b>CA</b> Motors, generators and actuators IV</p> <p><b>CB</b> Patterned media and associated recording systems</p> <p><b>CC</b> Spin Transfer Torque: STT-MRAM, spin valves and domain wall</p> <p><b>CD</b> Advanced techniques in computational magnetism (Symposium)</p> <p><b>CE</b> Microwave and millimeter wave materials and devices I</p> <p><b>CF</b> Nanostructured and composite hard magnetic materials I</p> <p><b>CG</b> Magnetic sensors (non-recording) and MEMS III</p> <p><b>CH</b> Magnetic nanoparticles I</p>	<p><b>EP</b> Synchronous machines</p> <p><b>EQ</b> Design and tests of special machines and actuators</p> <p><b>ER</b> Transformers and inductors I</p> <p><b>ES</b> Recording and patterned media</p> <p><b>ET</b> Fundamental Properties I</p> <p><b>EU</b> Magnetic sensors (non-recording) and MEMS IV</p> <p><b>EV</b> Magnetocaloric materials and devices I</p> <p><b>EW</b> Biomagnetism: Measurement techniques and instrumentation</p>	<p><b>Oral sessions</b></p> <p><b>EA</b> Motors, generators and actuators VII</p> <p><b>EB</b> Magnetic Recording Heads and Physics</p> <p><b>EC</b> MRAM, Magnetic Logic and Devices I</p> <p><b>ED</b> New developments in magnetic hyperthermia (Symposium)</p> <p><b>EE</b> Multilayer Films and Superlattices II</p> <p><b>EF</b> Intermetallic and other hard magnets II</p> <p><b>EG</b> Advanced Magnetic characterization I</p> <p><b>EH</b> Multiferroic materials and complex oxides II</p>	<p><b>GP</b> Special machines and linear machines</p> <p><b>GQ</b> Electrical Machines for industrial and automotive applications</p> <p><b>GR</b> Spin Orbitronics and Spin Transfer Torques III</p> <p><b>GS</b> Micromagnetics II</p> <p><b>GT</b> Novel biomedical therapies and measurement techniques</p> <p><b>GU</b> Microwave and millimeter wave materials and devices II</p> <p><b>GV</b> Magnetoelastic materials and devices II</p> <p><b>GW</b> Magnetodynamics and ferromagnetic resonance I</p>	<p><b>Oral sessions</b></p> <p><b>GA</b> Power and Control Magnetics II</p> <p><b>GB</b> Energy Assisted Magnetic Recording</p> <p><b>GC</b> GMR/TMR I</p> <p><b>GD</b> Recent developments in permanent magnets (Symposium)</p> <p><b>GE</b> TMR/Magnetoassistive and half-metallic materials</p> <p><b>GF</b> Magnetic nanowires II</p> <p><b>GG</b> Magnetic Semiconductors</p> <p><b>GH</b> Magnetic Imaging II</p>
<b>12:00</b>		<b>Students Lunch with the Experts</b> (with pre-registration only)							
<b>14:00</b>		<b>Poster sessions</b>	<b>Oral sessions</b>	<b>Poster sessions</b>	<b>Oral sessions</b>				
<b>15:00</b>	<b>XA Tutorial session</b>	<p><b>BP</b> Motors, generators and actuators II</p> <p><b>BQ</b> Motors, generators and actuators III</p> <p><b>BR</b> Ultrathin Films and Surface Effects</p> <p><b>BS</b> Magnetization dynamics II</p> <p><b>BT</b> Spin Orbitronics and Spin Transfer Torques II</p> <p><b>BU</b> Magnetic sensors (non-recording) and MEMS II</p> <p><b>BV</b> Magneto-optic materials and devices II</p> <p><b>BW</b> Patterned films and elements (non-recording) I</p>	<p><b>BA</b> Motors, generators and actuators I</p> <p><b>BB</b> Recording media</p> <p><b>BC</b> Rare earth transition metal borides II</p> <p><b>BD</b> Status and trends in MRAM (Symposium)</p> <p><b>BE</b> Ab-initio and transport I</p> <p><b>BF</b> Soft magnetic amorphous and nanocomposite materials I</p> <p><b>BG</b> Magneto-optic materials and devices I</p> <p><b>BH</b> Biomedical magnetism, diagnostics and measurement technique</p>	<p><b>DB</b> Magnetization dynamics III</p> <p><b>DC</b> Spin Transfer torques: Spin torque oscillators and induced magnetic moments</p> <p><b>DD</b> Motors and Generators (Symposium)</p> <p><b>DE</b> Head-Disk Interface and HDD tribology</p> <p><b>DF</b> Magnetoassistive and half-metallic materials I</p> <p><b>DG</b> Ultrathin Films and Surface Effects: Various Phenomena</p> <p><b>DH</b> Organic spintronics and hybrid materials</p>	<p><b>FP</b> Characteristics analyses of electric machines</p> <p><b>FQ</b> Special topics on electromagnetic analysis of electrical machines</p> <p><b>FR</b> Nanostructured and composite hard magnetic materials II</p> <p><b>FS</b> Magnetoassistive and half-metallic materials II</p> <p><b>FT</b> Advanced Magnetic characterization II</p> <p><b>FU</b> MRAM, Magnetic Logic and Devices II</p> <p><b>FV</b> Multiferroic materials and complex oxides III</p> <p><b>FW</b> Magnetic nanoparticles II</p>	<p><b>FA</b> Transformers and inductors II</p> <p><b>FB</b> Novel biomedical therapies and magnetic fluids</p> <p><b>FC</b> Spin Orbitronics: Spin pumping, thermal spin currents, spin</p> <p><b>FD</b> Magnetism towards 3D (Symposium)</p> <p><b>FE</b> Fundamental Properties II</p> <p><b>FF</b> Patterned films and elements (non-recording) II</p> <p><b>FG</b> Soft magnetic crystalline alloys and thin films II</p> <p><b>FH</b> Hysteresis and micromagnetics II</p>	<p><b>HP</b> Shielding, levitation and propulsion</p> <p><b>HQ</b> GMR/TMR II</p> <p><b>HR</b> Superconductivity and Emerging Topics II</p> <p><b>HS</b> Novel biomedical therapies and chemical magnetism</p> <p><b>HT</b> Biomedical diagnostics and magnetic fluids</p> <p><b>HU</b> Magnetic Semiconductors</p> <p><b>HV</b> Magneto-optic materials and devices III</p> <p><b>HW</b> Recording systems, coding and head disk interface</p> <p><b>HX</b> Soft magnetic amorphous and nanocomposite materials II</p>	<p><b>HA</b> PM and reluctance devices</p> <p><b>HB</b> Magnetic nanowires and nanoparticles</p> <p><b>HC</b> Spin Orbitronics: DW motion and switching</p> <p><b>HD</b> Graphene spintronics (Symposium)</p> <p><b>HE</b> Superconductivity and Emerging Topics I</p> <p><b>HF</b> Exchange Bias II</p> <p><b>HG</b> Magnetocaloric materials and devices II</p> <p><b>HH</b> Magnetodynamics and ferromagnetic resonance II</p>	
<b>16:00</b>				<b>Plenary Session</b> (starting 16:15)					
<b>17:00</b>	<b>Opening Bierstube</b>								
<b>18:00</b>		<b>Bierstube</b>		<b>Bierstube</b>					
<b>19:00</b>		<b>Special Evening Session</b> "Meet the Magnetism Entrepreneurs"							
			<b>Plenary Reception</b>						