		3	4	5	6
		2nd Colombian School in Magnetism and Magnetic Materials (CS3M)			
	Lunes (ECCI)	**Martes (uniandes)**	**Miercoles (Uniandes)**	**Jueves (ECCI)**	**Viernes (Uniandes)**
8:00 - 8:20	Registration	Registration			
8:20 - 9:20		Fundamentals on magnetism for science and engineering: **Krzysztof Chwastek (Czestochowa University of Technology-Poland)** Room: C 307	Universality and thermoelectric Transport through semiconductor nanostructures **Roberto Franco** (UNAL-Bogotá) Room: C 307	Fundamentals on magnetism for science and engineering: **Krzysztof Chwastek (Czestochowa University of Technology-Poland)**	Fundamentals of resonant x-ray scattering, **Alex Frano (UCSD-USA)** Room: W 101
9:20-10:00	Tutorial **Johan Osma**: Funtionalization in nanoparticles (ECCI) Inicio: 9:20 am - : 10:50 am, Auditorio de la paz, quinto piso. Sede S	The Effect of Plasmon Resonance in the Magnetic Optic Kerr Effect (MOKE) Part I: **Edgar Javier Patiño Zapata** (Uniandes) Room: C 307	Dual Magnetization reversal modes in ferromagnetic nanotubes: Montecarlo and Micromagnetics. **Johans Restrepo (UDEA)** Room: W 101	Magnetoresistance and magnetic phase separation in manganite systems: **Lorena Marin** (Univalle) **Auditorio de la paz, quinto piso. Sede S**	Recientes progresos en imánes permanentes de alta energía **Daniel Salazar** (BC Materials) Room: W 101
10:00 - 10:20		Coffee Break			
10:20 - 11:20	Tutorial **Camilo Velez**: Fundamentals of microrobotics and magnetic manipulation at small scale 11:00 am - 12:30 pm, Auditorio de la paz, quinto piso. Sede S	Introduction to angle-resolved photoemission spectroscopy for the study of the electronic structure of correlated materials **Andres Santander (Paris SUD-Francia)** Room: C 307	Introduction to angle-resolved photoemission spectroscopy for the study of the electronic structure of correlated materials **Andres Santander (Paris SUD-Francia)** W 101	Materiales magnetocalóricos y refrigeraciòn de estado sólido **Daniel Salazar** (BC Materials) **Auditorio de la paz, quinto piso. Sede S**	Magnetism in the 21 st century: What modern x-ray tools tell us about exotic magnetism systems, **Alex Frano** (UCSD- USA) Room: W 101
11:20 - 12:00		Quantum Magnetism with Ultracold Atoms, **Karem Rodriguez** (Univalle) Room: C 307	Magnetic detection of cracks in metallic plates: robotic sensing and simulation: Natanael Montes de Oca Mora (U. Veracruz-Mexico) **Room: W 101**	Magnetism in the world of insect-size robots: **Camilo Velez** (Carnegie Mellon University-USA) **Auditorio de la paz, quinto piso. Sede S**	Montecarlo Simulation of magnetic Nanostructures **Nicolas Vargas** Magnetic properties of Multiferroics **Alex Cardona** (Uniandes), Room W 101
12:00 - 14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00 - 14:30	Program Comitee Meeting Room W 101 (Uniandes)	Magnetism in nanoestructures: **Diego Muraca (UNICAMP-Brazil)** Room: W 101	PARO NACIONAL	Room temperature ferromagnetism in oxidized-graphenic nanoplatelets: **John Prias** (U. Quindio) **Auditorio de la paz, quinto piso. Sede S**	Identificación de fases y comportamiento magnético en nanoestructuras híbridas de FexOy/Au, **Oscar Moscoso** (Universidad Autonoma de Manizales) Room: W101
14:30 - 15:00				Juan Gabriel Ramirez (Uniandes) **Auditorio de la paz, quinto piso. Sede S**	
15:00-15:40	Visit to research labs at Uniandes	Magnetism in nanoestructures: **Diego Muraca** (UNICAMP-Brazil) Room: W 101		Spin based thermoelectric generation: A case study in Ni-Zn Ferrites, **Oscar Arnache Olmos** (UDEA) Room: W 101	Laboratory Poster session
15:40 - 16:00		Coffee Break		Coffee Break	Closure/Cocktail
16:00 - 17:00		Laboratory session 1		Estudio Experimental de Vidrios Metálicos **Andres Rosales** (UNAL-Manizales) Room: W 101	
17:00 - 17:40				Laboratory session 2	
CHAIR	**German /Luis**	**Juan Gabriel Ramirez (Mañana)** **Andres Rosales (Tarde)**	**Edwin Ramos (Mañana)** **Karem Rodríguez (Tarde)**	**German/Luis** **Oscar Arnache (Tarde)**	**Mariana Rios** **Johans Restrepo**
	ECCI: Cra. 15 #49-71.	Uniandes Cra 1 Nº 18A - 12	Uniandes Cra 1 Nº 18A - 12	ECCI: Cra. 15 #49-71.	Uniandes Cra 1 Nº 18A - 12