

**Workshop on antiferromagnetic spintronics,  
Grenoble 2017**

	<b>Wednesday, October 25</b>	<b>Thursday, October 26</b>	<b>Friday, October 27</b>	
08:45 – 09:00	<b>Registration &amp; coffee</b>	<b>Coffee</b>	<b>Coffee</b>	
09:00 – 09:30		<b>T11 - L. Šmejkal</b> Large anisotropic magnetotransport in topological antiferromagnets	<b>T21 - T. Seifert</b> Terahertz spectroscopy of femtosecond spins currents in magnetic heterostructures	
09:30 – 10:00	<b>Opening remarks</b>	<b>T12 - R. A. Buhrman</b> Spin currents, interfacial transparency and SOT in Pt alloy-FM multilayers with interfacial atomic insertion layers	<b>T22 - K. Rode</b> The zero-moment half metal: how could it change spin electronics ?	
10:00 – 10:30	<b>T1 - A. Hoffmann</b> Spin current generation, detection, and transport with antiferromagnets	<b>T13 - J.-Y. Chauleau</b> Imaging and manipulating antiferromagnetic domains in BiFeO <sub>3</sub>	<b>T23 - A. Sekine</b> Dynamical chiral magnetic effect in spin-orbit coupled antiferromagnetic insulators	
10:30 – 11:00	<b>T2 - K. Olejnik</b> Ultrafast writing of an antiferromagnetic memory	<b>Coffee break</b>	<b>Coffee break</b>	
11:00 – 11:30	<b>T3 - K. J. Lee</b> Spintronics based on antiferromagnets and ferrimagnets	<b>T14 - M. Kläui</b> Spin transport and spin-orbit torques in antiferromagnets	<b>T24 - D. Makarov</b> Spintronics of thin film granular antiferromagnets (AF): towards purely AF magnetoelectric memory	
11:30 – 12:00	<b>T4 - L. Frangou</b> Electronic and magnonic spin transport in antiferromagnets	<b>T15 - A. Bataille</b> Chromium thin films and nanowires for antiferromagnet spintronics	<b>T25 - M. Meinert</b> Key role of thermal activation in the electrical switching of antiferromagnetic Mn <sub>2</sub> Au and CuMnAs	
12:00 – 12:30	<b>T5 - A. A. Kovalev</b> Magnon-mediated spin Nernst effect and pumping of spin current in a collinear antiferromagnet	<b>T16 - A. Manchon</b> Spin transport and dynamics in non-collinear antiferromagnets	<b>T26 - A. Qaiumzadeh</b> Spin superfluidity in antiferromagnets	
12:30 – 13:00	<b>Lunch &amp; Posters P1</b>	<b>Lunch &amp; Posters P2</b>	<b>Lunch</b>	
13:00 – 13:30				
13:30 – 14:00				<b>T27 - M. Hirschberger</b> Chiral anomaly in GdPtBi observed in magneto-resistance and thermopower
14:00 – 14:30	<b>T6 - V. Jacques</b> Imaging exotic spin textures in thin magnetic layers with an atomic-sized magnetometer	<b>T17 - V. Saidl</b> Optical determination of the Néel vector in a CuMnAs thin-film antiferromagnet	<b>T28 - K. W. Edmonds</b> Current-induced switching and antiferromagnetic domain walls in CuMnAs	
14:30 – 15:00	<b>T7 - S. M. Rezende</b> Thermal generation and transport of spin currents in antiferromagnetic insulators	<b>T18 - J. P. Heremans</b> Entropy Transport in Weyl Semimetals	<b>Closing remarks</b>	
15:00 – 15:30	<b>Coffee break</b>	<b>Coffee break</b>		
15:30 – 16:00	<b>T8 - J. Wunderlich</b> Detection of current induced Néel vector reversal in CuMnAs/Pt heterostructures	<b>T19 - O. Gomonay</b> Terahertz spintronics: spin-current driven antiferromagnetic oscillator with the Néel spin-orbit torques		
16:00 – 16:30	<b>T9 - S. K. Kim</b> Self-focusing skyrmion racetracks in ferrimagnets along angular momentum compensation points	<b>T20 - S. Fukami</b> Analog spin-orbit torque devices with antiferromagnets for artificial neural networks		
16:30 – 17:00	<b>T10 - Y. Yamane</b> Electric voltage generation by antiferromagnetic dynamics			
19:00 –		<b>Workshop dinner</b>		