

Day 1 JULY 25, 2019	
08:00-09:00	Registrations
09:00-09:15	Introduction & Opening Ceremony
Plenary Session	
Session chair	Antonio Bianconi, Sapienza University of Rome, Italy
Session Co - chair	Not yet Finalized
09:15-10:00	Title: Novel functionality of Quantum Complex Materials controlled by correlated nanoscale disorder unveiled by space resolved scanning XRD and XANES using synchrotron radiation Antonio Bianconi, Sapienza University of Rome, Italy
10:00-10:45	Title: A nonvolatile multifunctional programmable Spin Logic Xiufeng Han, Chinese Academy of Sciences, China
10:45-11:00	@Coffee Break
11:00-11:45	Title: Electrically switching ferromagnets by spin orbit torques and their applications Kaiyou Wang, Chinese Academy of Sciences, China
Keynote Session	
11:45-12:20	Title: Magneto-induced Anisotropy in Metamaterials with Periodic Nano-structures: From Per-mittivity and Resistivity to Magneto-thermoelectric Tensorss Yakov M. Strelniker, Bar-Ilan University, Israel
12:20-12:55	Title: Will be Update soon Prof. Dao-Xin Yao, Sun Yat-sen University, China
12:55-13:00	Group Photo
13:00-13:40	lanch break
Invited Talks	
Session A	Superconductivity and Superfluidity, Nanoparticles, Nanowires, and 3D Structures , Functional Magnetic Materials, Topological Insulators, Spintronics,
Session chair	Krystian Roleder, University of Silesia, Poland
Session Co - chair	
13:40-14:05	Title: Magnetic and superconductive proximity effects in bilayer and trilayer thin film hybrids of a topological insulator, ferromagnet and cuprate superconductor: A possible new platform for Majorana nano-electronics Gad Koren, Israel Institute of Technology, Israel
14:05-14:30	Title: Determination of the inversion parameter in spinel oxides core-shell nanoparticles at atomic resolution by STEM-EELS techniques Francesca Peiro, University of Barcelona, Spain
14:30-14:55	Title: High-temperature optical and microwave induced spin manipulations on color centers in SiC for spintronics, sensing and quantum information processing. Pavel G. Baranov, Ioffe Institute, Russia
14:55-15:20	Title: The role of the geomagnetic field in the navigation of birds and other animals Roswitha Wiltschko, Goethe-Universität Frankfurt, Germany

15:20-15:45	Title: Unexpected magnetic response of PZT single crystals Iwona Lazar , University of Silesia, Poland
15:45-16:00	
16:00-16:25	Title: Unconventional ferroics:BaTiO₃, PbZrO₃, PbHfO₃ and EuTiO₃ Krystian Roleder , University of Silesia, Poland
16:25-16:50	Title: Magnetic properties of the nanopowders produced by pulsed electron beam evaporation method in low pressure gas Sergey Sokovnin , Ural Federal University, Russia
16:50-17:15	Title: Magnetic impregnation of different biochars to effectively sorb metals from w Lukas Trakal , Czech University of Life Sciences Prague , Czech Republic
17:15-17:40	Title: Anti ferromagnetism of zigzag edges and fractional end charges in disordered i S.-R. Eric Yang , Korea University, Korea
17:40-18:05	Title: Research Progress in Rare-Earth Doped PerovskiteManganite Oxide Nanostr Xinhua Zhu , Nanjing University, China
	Day 2 JULY 25, 2019
Session B	Magnetic Imaging and Measurement Techniques, Ferroelectricity and piezoelectricity, Nanomaterials and Nanotechnology
Session chair	Not yet Finalized
Session Co - chair	Not yet Finalized
09:00-09:25	Title: B-H curve measurement with distortion analysis along with Barkhausen noise measurement at room temperature Vince Jaszfi , Montanuniversität Leoben, Austria
09:25-09:50	Title: Development of a magnetic refrigeration prototype – Magnetic Wine Cooler Urban Tomc , University of Ljubljana, Slovenia
09:50-10:15	Title: Electron correlations driving charge segregation and anomalous magnetoresistance in layered managanese-pnictide antiferromagnets Denis Arcon , Jozef Stefan Institute, Slovenia
10:15-10:40	Title: Will be updated soon Mikel Holcomb , West Virginia University, USA
10:40-11:05	Title: Will be update soon Krzysztof Zberecki , Warsaw University of Technology, Poland
11:05-11:20	
Session chair	Not yet Finalized
Session Co - chair	Not yet Finalized
11:20-11:45	Title: Particle Size, Cation Distributionand Magnetic Properties of Intelligent Spinel Ferrite Nanoparticles and its Application Raghvendra Singh Yadav , Tomas Bata University in Zlin, Czech Republic
11:45-12:10	Title: Electric field tuning effect on magnetic and FMR properties in FeGa/PMN-P Shuiyuan Chen , Fujian Normal University, China
12:10-12:35	Title: Design of magnetic edge states in graphene nanoribbons Evgeny Tretyakov , Novosibirsk Institute of Organic Chemistry, Russia

12:35-13:00	Title: Magnetic Engineering and Magneto-electric Coupling in Bismuth Layer-structured Complex Oxides Jianlin Wang , University of Science and Technology of China, China
13:00-14:00	@Launch Break
Session chair	Not yet Finalized
Session Co - chair	Not yet Finalized
14:00-14:25	Title: Effect of Different Pressure and Temperature on Chemical Bonds of Zinc Oxide Yahia CHERGUI , university of Boumerdes, Algeria
14:25-14:50	Title: DFT study on spin dependent transport of Graphene and h-BN based magnetoelectronics Tomoya Ono , University of Tsukuba, Japan
14:50-15:15	Title: Microfluidic Preparation of Flexible Micro-Grippers with Precise Delivery Functionality Jianhong XU , Tsinghua University, China
15:15-15:40	
15:40-16:05	
16:05-16:20	@Coffee Break

Speakers slot Available

16:20-16:45

Speakers slot Available

16:45-17:10

17:10-17:35

DAY - 2 POSTER PRESENTATIONS	
P001	Title: Band-structure engineering of the magnetically Cr-doped topological insulator Jian-Min Zhang , Fujian Normal University, China
P002	Title: Structures, Electrical and Magnetic properties of magnetic doped PbPdO ₂ Zhigao Huang , Fujian Normal University, China
P003	Title: Will be update soon Daniele Torelli , Technical University of Denmark, Denmark

@Coffee Break

Waste-water

interacting Graphene zigzag ribbon

structures

Γ multiferroic heterostructures

Provide a Molecular Dynamics Prediction

of resistive junctions

in a
junction

for Sb_2Te_3 under mechanical strain