

2nd Global Summit and Expo on Magnetism and Magnetic Materials**DAY-01, MONDAY | JUNE 13, 2022****Virtual Presentations | Time Zone: London, UK(GMT+1)**

09:00-09:40	Title: Development of HiB-Nanoperm: Alpha-Fe based Nanocrystalline Alloys with Saturation Magnetization Comparable to that of Si Steel Kiyonori Suzuki , Monash University, Australia	P
09:40-10:05	Title: Will be updated soon Dima Cheskis , Ariel University, Isreal	I
10:05-10:35	Title: Recent Progresses in STT-MRAMs and MRAM Based AI Processors Tetsuo Endoh , Tohoku University, Japan	K
10:35-11:00	Title: Effect of Inverter Excitation using Different Devices on Magnetic Characteristics of Motor Core Kyyoul YUN , Gifu University, Japan	I
11:00-11:25	Title: Magnetic Hyperthermia Application for Cancer Treatment Loi Tonthat , Tohoku University, Japan	I
11:25-11:50	Title: Topological Phase Transitions of the Kitaev Model in a Uniform Magnetic Field Wei Chen , Nanjing University, China	I
11:50-12:15	Title: Adaptive Metasurface for Magnetic Resonance Imaging Zhonghai Chi , Tsinghua University, China	I
12:15-12:45	Title: Nanocrystalline Soft Magnetic Materials from Liquid State to Ready Product Vladimir Stepanovich Tsepelev , Ural Federal University, Russia	K
12:45-13:10	Title: Critical Properties of the 3D-Mean-Field Ferromagnet GdPdIn Moise Tchokonte Tchoula , University of the Western Cape, South Africa	I
13:10-13:50	Title: Will be updated soon Jean-Marc Greneche , Le Mans University, France	P
13:50-14:30	Title: Magnetic Microwires for Sensor Applications Arcady Zhukov , UPV/ EHU in San Sebastian, Spain	P
14:30-15:10	Title: Superparamagnetic Iron Oxide Nanoparticles as Multifunctional Tools for Biomedical Applications Jose Rivas , University of Santiago de Compostela, Spain	P
15:10-15:35	Title: Geometrical Impact on Magnetic Properties of Mesoscopic Scale Thick Nickel Thin Films Jean Ebothe , University of Reims Champagne Ardenne, France	I
15:35-16:15	Title: Interface-Engineered Barium Hexaferrite – Wide-Bandgap Semiconductor Integration Enabling 5G System-on-Wafer Solutions for Full-Duplexing Phased Arrays Vincent Harris , Northeastern University, USA	P
16:15-16:45	Title: Raman Spectroscopy of Phonons and their Coupling to Layered Magnetism in 2D Magnet CrI ₃ Rui He , Texas Tech University, USA	K

16:45-17:15	<p>Title: 3D Printed Energy-Efficient Magnetocaloric Regenerators with Controlled Microchannels, Functional Grading and Magnetic Anisotropy</p> <p>Ravi L. Hadimani, Virginia Commonwealth University, USA</p>	K
17:15-17:40	<p>Title: Reentrant Spin Glass in Amorphous EuTiO₃ and its Potential Application in Low Temperature Magnetic Refrigeration</p> <p>Jinke Tang, University of Wyoming, USA</p>	Poster
17:40-18:20	<p>Title: Presetting Temperature in Magnetic Hyperthermia Protocols</p> <p>Paulo César De Moraes, Catholic University of Brasilia, Brazil</p>	P