

ICCMMS 2019	14 October-Monday
	Mithat Özsan Amfi
Session	Chair: İbrahim Belenli
09:00 09:30	Opening Ceremony
09:30 10:15	A. GENCER "Advances in Enabling technology for the Superconducting Fault Current Limiters"
10:15 10:45	Y. TAKANO "Data-driven exploration of new functional materials including superconductors under high pressure"
10:45 11:10	Coffee Break
Session	Chair : Andres Sotelo
11:10 11:40	Shahed Rasekh Thermoelectric Phenomena and Applications: A Quest for Performing Oxide Thermoelectrics
11:40 12:00	Lucica Miu AC Magnetic Response of Superconducting Films and Superlattices
12:00 12:20	Doğan Kaya Controlling Physical and Magnetic Properties of CoPt Nanoparticles
12:20 12:40	Betül Bozdoğan Layer-by-Layer Self-Assembled Peptide Nanoparticles as Gene Carrier in Cancer Therapy
12:40 13:00	Gönül Akça Determination of the Nature of Magnetic Phase Transition in Some Magnetocaloric Manganites Using Different Methods
13:00 14:30	Lunch Break
Session	Chair:Metin Özdemir
14:30 15:00	Oğuz Gülseren Exploring MXenes/graphene heterostructures for ion battery applications
15:00 15:30	Andres Sotelo Effect of TiC nanoparticles addition on the properties of Ca ₃ Co ₄ O ₉ ceramics
15:30 15:50	Coffee Break
Session	Chair: Andrei Kovalevski
15:50 16:20	Ramazan Esen Carbon based films with extraordinary properties

16:20	16:40	Fatih Akyürek High Speed RSFQ To CMOS Readout Integrated Circuit Design
16:40	17:00	Veysi Güçkan Structure characterization and luminescence studies of MgO:Li calcinated at different temperatures via SCS and SG methods
17:00	17:20	Volkan Altunal The Effect of Calcination Conditions on Luminescence Efficiency of BeO Ceramics Synthesized Using Co-Precipitation Method
17:20	17:40	Gökhan Kırat The Magnetic Field-Induced-Shape Memory Behaviour in Co Doped Ni-Mn-Sn-B Ribbons
17:40	18:00	Ayed Hamida Microcrystalline silicon thin films
18.00	19.30	Welcome

ICCMMS 2019	15 October-Tuesday
	Mithat Özsan Amfi
Session	Chair: Xerman de la Fuente Leis
09:00 09:45	Wei Pan Defect Engineering in Development of Low Thermal Conductivity Materials
09:45 10:15	Kovalevsky New guidelines for oxide thermoelectrics: redox tuning and controlled interactions
	POSTER SESSION
10:15 10:40	Coffee Break
Session	Chair: Javier Campo
10:40 11:10	Ali Zaoui Theoretical studies on various compounds and ternary systems under peculiar environment effect
11:10 11:30	Şerife O. Hacıoğlu Synthesis and Characterization of a Quinoxaline and Benzodithiophene Comprising Multifunctional Polymer
11:30 11:50	Yusuf Yiğit Determination of the intrinsic viscosity and molecular weight of Poly (methyl methacrylate) blends
11:50 12:10	Musa Mutlu Can Fuel Gas Sensing Ability of Oxide Semiconductors

12:10	12:30	İdris Adanur The Synthesis of Polyvinylpyrrolidone (PVP)-Assisted Ni Magnetic Nanoparticles (MNPs)
12:30	12:50	Ayşe Nur Acar Specific Heat Capacity Behaviours of P/M Distaloy AE Alloy Compacts
12:50	14:00	Lunch Break
Session		Chair:Yoshihiko Takano
14:00	14:30	Akiyasu Yamamoto Recent progress in the development of polycrystalline superconducting bulk magnets
14:30	15:00	İbrahim Belenli Real and Potential Uses of Superconductors in Various Applications
15:00	15:20	Coffee Break
Session		Chair: Akiyasu Yamamoto
15:20	15:50	Kemal Öztürk Comparison of Magnetic Force Properties of Single and Multi-Surface HTS Maglev Systems
15:50	16:10	Gizem Çetin Enhancement of the Low Temperature Thermoelectric Performance of Na-substituted Bi ₂ Sr ₂ Co ₂ O _x Ceramics
16:10	16:30	Burcu Savaşkan Levitation Force Efficiencies of Bulk MgB ₂ for Different Permanent Magnetic Guideways
16:30	16:50	Mehmet Başoğlu Effect of Grain Growth Temperature on Y358 Activation Energy
16:50	17:10	Şeyda Duman Physical Properties of Welding Regions in the Welded Joined TSMG Y123 + x wt% Y211 (x=0, 20 and 30) Bulk Superconductors
17:10	17:30	Bakiye Çakır Magnetic Properties and Irreversibility Field Line of TSMG Y123
17:30	17:50	A. KHARMOUCHE Synthesis, Structural and Magnetic Properties of CoxM _{1-x} (M= Cr, Pd, Fe) Thin Films Fabricated by Physical Vapor Deposition Under Vacuum

ICCMMS 2019	16 October-Wednesday	
	Mithat Özsan Amfi	
Session	Chair: Shahed Rasekh	
09:00 09:30	Javier Campo The role of the thermal fluctuations in cubic helimagnets: stabilization of new phases at low temperature	
09:30 10:00	H.Kageyema Novel Magnetism Derived from Heteroleptic Coordination in Oxyhydrides	
10:00 10:20	Coffee Break	
Session	Chair: Kemal Öztürk	
10:20 10:50	Sultan Öztürk Production Properties of M-Type Strontium Hexaferrite Magnets	
10:50 11:10	Damla Dilara Çakıl Effect of Milling Time on the Magnetic Properties of SrFe ₁₂ O ₁₉ Powders Produced by Mechanochemical Synthesis	
11:10 11:30	Kürşat İçin The Effect of Stoichiometric Ratio on the Magnetic Properties of SrFe ₁₂ O ₁₉ Powders Produced by Mechanochemical Synthesis Method	
11:30 11:50	Ayşe Duran The Magnetic Phase Transition and Hysteresis Behavior of Fe ₂ MnB, Fe ₂ CrB and Fe ₂ TiB Heusler Alloys	
11:50 12:10	Sefa Emre Sümbül Comparison of Hydrogen Energy in Mg-Ni Alloys Produced by Melt Spinning	
12:10 13:30	Lunch Break	

	Excursion

ICCMMS 2019	17 October-Thurday
	Mithat Özsan Amfi
Session	Chair: Lucica Miu
09:00 09:30	Adrian Crisan Multi-harmonic Susceptibility Response and Steep Vortex Melting Line in Iron-based Superconducting Single Crystal CaKFe ₄ As ₄
09:30 10:00	German de la Fuente Leis Fabrication of Fe Spinel Nanoparticles using Laser Technologies
10:00 10:20	Coffee Break
Session	Chair: Ali Bozbey
10:20 10:50	David Muñoz-Rojas Open-air, low temperature fabrication of advanced composite transparent electrodes
10:50 11:10	Hamide Kavak Elaboration of Annealing Effects on the Spin-Coated CZTS Thin Films
11:10 11:30	Şükrü Çelik The Magnetic Levitation Force Performance of YBCO Bulk by Top Seeded Infiltration Growth at Different Temperatures
11:30 11:50	Barış POLAT 405 nm Wavelength, Reflective Diffraction Grating, External Optical Feedback Diode Laser System

11:50	12:10	Serap Yiğen Growth of ZnO Thin Films by Pulsed Electron Deposition Method
12:10	12:30	Yasemin Demirhan Metamaterials, Novel Quantum Cascade Lasers and THz Waves
12:30	12:50	Samir Khene Y3Fe5O12 Nanoparticles as Efficient Pinning Centers and Temperature dependence of the Critical Current in YBa2Cu3O7- δ Nanoparticles
13:00	14:30	Lunch Break
Session		Chair: Şükrü Çelik
14:30	15:00	Ali Bozbey Superconducting Supercomputing
15:00	15:30	Luis Angurel Generation of Nanostructures in Metallic Surfaces using Subnanosecond UV Laser Processing
15:30	15:50	Coffee Break
Session		Chair: Samir Khene
15:50	16:20	Juan Carda Challenges in the search of new functionalities in the ceramic and vitroc ceramic materials
16:20	16:40	Mehtap Özdemir Ru doped Effect on TiO2 for Photocatalytic Applications
16:40	17:00	Merve Ekmekçioğlu Characterization of ZnSnO/Ag/ZnSnO Thin Films on Polymers for OLEDs
17:00	17:20	Özge Sağlam Fabrication of Nanoscale Electrodes by Electrospun Nanofibers
17:20	17:40	Lütfi Arda Preparation, growth, and optical properties of (Cu/Co) co-doped ZnO thin films
17:40	18:00	Ali Güngör Structural, optical and magnetic properties of Cu/Ni co-doped ZnO Films
19:00	24:00	Gala Diner
ICCMMS 2019		18 October-Friday
		Mithat Özsan Amfi
Session		Chair: Ali Zaoui

09:00	09:30	Halil İbrahim Yavuz New material technology on Armor production in Turkey
09:30	10:00	Yüksel Ergün Interband Optical Absorption of Type-II Superlattices Obtained by Pseudo Potential Method
10:00	10:20	Coffee Break
Session		Chair:Yüksel Ergün
10:20	10:50	Halime Ömür Paksoy Advanced Phase Change Materials for Thermal Energy Storage and Management
10:50	11:10	Reşit Yıldız Electrochemical Hydrogen Production by Using G/Ni/Ag Cathode
11:10	11:30	Nuray KÜP AYLIKCI Investigation of Radiation Absorption Parameters for elements between $50 \leq Z \leq 65$ using 59.5 keV Gamma-Ray Photons
11:30	11:50	Murat Abdioğlu Investigation of Magnetic Force Properties in Three-Surface HTS Maglev System
11:50	12:10	Bestenur Yalçın ZnO Nanoparticles: Effect of Cd Doping on Structural and Biological Properties
12.10	12.30	Ahmet Ekiz The Production Optimization of EN AA 7075 Aluminium
12.30	12.50	Doğan Akcan Structure optical and biological properties of Mn/Cu co-doped ZnO nanoparticles
13:00	14:30	Lunch Break
Session		Chair: Ali Güngör
14:30	15:00	Tolga Depçi Revolution in the Aluminium Industry: Scandium
15:00	15:20	Kenan Şentürk Preparation and Characterization of Mg/B co-doped ZnO Nanoparticles
15:20	15:40	Coffee Break
Session		Chair: Lütfü Arda

15:40	16:00	Cengiz İpek Effect of Temperature and Film Thickness on Structural and Mechanical Properties of Zn _{0.90} Cu _{0.01} Mg _{0.05} O Thin Films
16:00	16:20	Ibrahim Ertugrul Yalcin Structure, optical and biological properties of Mn-doped ZnO nanoparticles
16:20	16:40	Senol Ataoğlu Effect of Film Thickness on Structural and Mechanical Properties of Zn _{0.95} Cu _{0.05} O Thin Films
16:40	17:00	Cihat Boyraz Structural and ESR properties of Cu-doped ZnO nanoparticles
17:00	17:20	Teoman Özdal Sol-Gel Preparation and Characterization of ZnO/Cu ₂ O Heterojunction Solar Cell
17:20	17:40	Closing Remarks

