

Invited Speakers

IS_1	SHAPEABLE MAGNETOELECTRONICS AND MAGNETORESISTIVE BIOSENSORS Numan AKDOĞAN Gebze Technical University, Turkey
IS_2	QUANTUM INTERFERENCES: FROM EXOTIC RESONANCES TO MOLECULAR ORBITAL IMAGING Osman ATABEK Institut Pinar des Sciences Moléculaires d'Orsay, CNRS, France
IS_3	PHASE TRANSITIONS BETWEEN DIFFERENT SPIN-GLASS PHASES AND BETWEEN DIFFERENT CHAOS IN QUENCHED RANDOM CHIRAL SYSTEMS A.Nihat BERKER Kadir Has University and MIT, Turkey
IS_4	MATHEMATICAL METHODS IN NONLINEAR DYNAMICS Radu Dan CONSTANTINESCU University of Craiova, Romania
IS_5	MOLECULAR DYNAMICS AND PHOTODYNAMICS IN CRYOGENIC MATRICES Claudine CREPIN-GILBERT CNRS, University Paris-Sud, Fransa
IS_6	CHEMISTRY-FREE MICROFLUIDIC TECHNOLOGIES TO SORT CELLS FOR HEALTH AND DISEASE Utkan DEMIRCI Stanford University, ABD
IS_7	DFT INVESTIGATION OF NMR CHEMICAL SHIFT VALUES OF NUCLEI AND OXYGEN BONDINGS IN CO DOPED PbTiO₃ STRUCTURE Şinasi ELLİALTIOĞLU TED University, Turkey
IS_8	THE MIRACLE MOLECULE C₆₀ FULLERENE: PREDICTIONS FROM HIGH-TEMPERATURE SUPERCONDUCTIVITY TO ASTROBIOLOGY Dogan ERBAHAR Gebze Technical University, Turkey

IS_9	WHAT WE TEACH AND WHAT IS LEARNED - CLOSING THE GAP Ali ERYILMAZ Middle East Technical University, Turkey
IS_10	VUV SPECTROSCOPY OF FREE RADICALS Berenger GANS ISMO-CNRS&University of Paris-Sud & University of Paris Saclay, France
IS_11	FAIR Project Progress and Physics Opportunities Jurgen Gerl FAIR/GSI Darmstadt, Germany
IS_12	MY JOURNEY IN THE FLATLAND Oğuz GÜLSEREN Bilkent University, Turkey
IS_13	OBSERVATION OF STRONG LOCALIZATION IN SUSPENDED GRAPHENE İsmet İnönü KAYA Sabanci University, Turkey
IS_14	PROBING THE GROUND STATE OF THE ANISOTROPIC ORGANIC CONDUCTORS BY THERMOPOWER MEASUREMENTS Danica KRSTOVSKA SS. Cyril and Methodius University, Skopje, Macedonia
IS_15	NUCLEAR PHYSICS EXPERIMENTS WITH GAMMA BEAMS AT ELI-NP Catelin MATEI Extreme Light Infrastructure – Nuclear Physics / Horia Hulubei National Institute For R&D in Physics and Nuclear Engineering
IS_16	EUROPEAN XFEL: SUPERIOR TOOL FOR FRONTIER SCIENCE Serguei L. MOLODTSOV European XFEL, Germany
IS_17	Ratbay MYRZAKULOV L.N.Gumilyov Eurasian National University, Kazakhstan
IS_18	CHALLENGING THE STANDARD MODEL BY HIGH-PRECISION COMPARISONS OF THE FUNDAMENTAL PROPERTIES OF PROTONS AND ANTIPROTONS Hiroki NAGAHAMA RIKEN

IS_19	ELI-NP FACILITY: NUCLEAR PHYSICS WITH HIGH POWER LASERS Florin NEGOITA IFIN-HH/ELI-NP, Romania
IS_20	APPLICATION PERSPECTIVES OF ULTRA-THIN GLASS Şener OKTİK ŞİŞECAM, Science and Technology Center, Turkey
IS_21	TEST OF HALPERIN-LUBENSKY-MA SCALING FUNCTION At THE N-Sm A TRANSITION IN LIQUID CRYSTALS VIA HIGH-RESOLUTION BIREFRINGENCE MEASUREMENTS Haluk OZBEK Department of Physics, Istanbul Technical University, Turkey
IS_22	WHAT DO THE COSMOLOGICAL SUPERNOVA DATA REALLY TELL US? İbrahim SEMİZ Boğaziçi University, Turkey
IS_23	FUTURE COLLIDER CHALLENGES Daniel SCHULTE CERN, Switzerland
IS_24	THE HALFIUM MODEL: AB INITIO FORMALISM FOR RYDBERG AND DOUBLY-EXCITED STATES OF H₂ AND SIMILAR MOLECULAR SYSTEMS Mourad TELMINI University Of Tunis El Manar, Tunisia
IS_25	“IN-CHIP” 3D SILICON ELEMENTS CREATED WITH NONLINEAR LASER LITHOGRAPHY Onur TOKEL Ultrafast Optics and Lasers Laboratory, Bilkent University, Turkey
IS_26	NEW APPROACHES FOR CRYSTALLINE SI SOLAR CELL TECHNOLOGY AND GÜNAM'S ACTIVITIES Rasit TURAN Center for Solar Energy Research and Applications (GÜNAM), Middle East Technical University, Turkey
IS_27	PHYSICAL PARAMETRES OF THE RUPTURE OF EARTHCRUST DURING THE EARTHQUAKE. (EXAMPLE MARMARA AND AGEAN TYPE EARTHQUAKE) Şener ÜŞÜMEZSOY Istanbul University, Turkey

IS_28	TAILORING SPONTANEOUS EMISSION Emre YÜCE Middle East Technical University, Turkey
IS_29	HIGH PRECISION SPECTROSCOPY OF LOW-ENERGY SHORT-LIVED NUCLEI Michiharu WADA WNSC, IPNS, KEK, Japan
IS_30	COSMIC SCREENING IN THE UNIVERSE Alexander ZHUK Odessa I.I.Mechnikov National University, Ukraine and Istanbul Technical University, Turkey