

Scientific Program
20 April 2018 Friday

09:00	REGISTRATION			
10:30	OPENING CEREMONY			
11:00	Inv. Talk: Prof. Dr. Yousry ABUSHADY Current and future nuclear reactors option in the World			
11:30	Inv. Talk: Prof. Dr. Nazmi Turan OKUMUŞOĞLU Türkiye neden nükleer enerji teknolojisine girmeli?			
12:00	LUNCH			
	FERMI HALL Chair: Prof.Dr. Saleh SULTANSOY	BECQUEREL HALL Chair: Prof.Dr. İlkay TÜRK ÇAKIR	HESS HALL Chair: Prof.Dr. Hüseyin Ali YALIM	LAWRENCE HALL Chair: Prof.Dr. Mohamed BELGAID
13:00 – 13:15	O1 Aidin GHALEHASADI Spectral statistics of transition probabilities in regular nuclei	O10 Sabin STOICA Double beta decay and its potential to investigate BSM physics	O20 Doğan YAŞAR An assessment of therapy dosimeter calibrations performed in SSDL	O28 Muhammad Syahir SARKAWI Radiation shielding properties of concrete containing ferro-boron and barite-colemanite using Monte Carlo method
13:15 – 13:30	O2 Hasan BİRCAN A new Aziz potential parameter set for nucleon-nucleon interaction: first results		O22 Kürşad Osman AY Nuclear level densities of ^{143,147} Nd isotopes	O29 R. Gökhan TÜREÇİ The effect of the linear-quadratic anisotropic scattering and the slab thickness over the albedo problem
13:30 – 13:45	O3 Kaan MANİSA VMC calculations for nuclear matter by using Aziz potential with a new parameter set	O11 Jameel-Un NABI How effective are the pn-QRPA calculation of weak rates of odd-A nuclei in stellar environment	O67 Özlem DAĞLI Comparison of different embolization materials on gamma knife arteriovenous malformation dose distributions	O30 Aydan ALTİKULAÇ Measurement of natural radioactivity in quartz stone
13:45 – 14:00	O4 Mehmet Emin KORKMAZ Investigation of fusion-fission target systems with Monte Carlo method by using accelerated deuterons	O13 Ali İhsan KILIÇ Reaction mechanism of ⁸ Li(a,n) ¹¹ B at low energies	O48 Özlem DAĞLI Material selection for gamma knife phantoms	O31 Aydan ALTİKULAÇ Determination of radioactivity levels in feldspar samples in Turkey
14:00 – 14:05	S1 Boumediene LASRI Excitation of heliumlike Kr34+(1s2) ions by neutrals at intermediate impact energies: projectile nuclear charge dependence	S7 Ercan YILDIZ Calculations of cross-sections and astrophysical S-factors for the ¹³ C(a,n) ¹⁶ O reaction	S13 Vildan ÖZKAN BİLİCİ Physical properties of TiN reactor structural material	S19 Bashir BASHIRI Measurement of natural occurring radioactive materials (NORM) concentration in Tehran's water using gamma spectrometry
14:05 – 14:10	S8 Furkan OK Exploring the magicity for the ⁷⁸ Ni nucleus	S2 Merve AYDOĞAN Investigation of the geometric shapes of ⁸⁰⁻⁸⁸ Zr isotopes within the interacting boson model-1	S14 Vildan ÖZKAN BİLİCİ Structural properties of the candidate reactor material VC composites	S20 Fatma YAKUT Use of Boron and Boron compounds as shielding material in reactors
14:10 – 14:15	S24 Rıdvan ÜNAL Radon (Rn-222) activity in some deep well water in Uşak and its surrounding	S9 İsmail Hakkı SARPÜN Light charged particle emission of VC composites	S15 Merve YAPRAK Evaluation outdoor gamma dose rates in air and cancer risk determination for Nevşehir, Turkey	S21 Fatma YAKUT Investigation of the use of Samarium and Gadolinium materials in nuclear technology
14:15	BREAK			
	FERMI HALL Chair: Prof. Dr. Yousry ABUSHADY			
14:30	Inv. Talk: Prof. Dr. Saleh SULTANSOY Green Nuclear Energy: Thorium			
15:00	Inv. Talk: Prof. Dr. İlkay TÜRK ÇAKIR LHC Experiments and Future Circular Collider (FCC) Project			
15:30	BREAK			
	FERMI HALL Chair: Prof.Dr. Jameel-Un NABI	BECQUEREL HALL Chair: Prof.Dr. Abdullah AYDIN	HESS HALL Chair: Prof.Dr. Ahmet BOZKURT	LAWRENCE HALL Chair: Prof.Dr. Rıdvan ÜNAL
15:45 – 16:00	O5 Bashir BASHIRI Measurement of naturally occurring radioactive materials (NORM) in produced water, in some Iranian oil fields using gamma spectroscopy	O17 Sefer BALCI Development of an algorithm for the spectrum deconvolution of uranium samples measured by CdZnTe detector	O23 Ahmet BOZKURT Stopping power and range of protons between 10-1000 MeV energies in water using the Monte Carlo technique	O32 Hande KAYACIK X-ray shielding performance of Sodium metasilicate/Barium oxide glassy composites
16:00 – 16:15	O6 Maroua BHAR Assessment of the averaged absorbed doses in a voxelised human phantom using GEANT4	O15 Murat DAĞ MDM spectrometer and Oxford detector (MDM-focal plane) at TAMU cyclotron institute	O24 Amina OULHISSANE Theranostic probes in nuclear medicine	O33 Yaren ERGİN As a shielding glassy structures against gamma rays: epoxy/PbO and epoxy/BaO composites
16:15 – 16:30	O7 Ghazi ALSBEIH Cytogenetic biodosimetry for the assessment of radiation doses in cases of radiological accidents	O16 Yusuf KAVUN A study of excitation functions calculations for some A<20 target nuclei	O83 Mohamed BELGAID Excitation functions systematics studies of (n,a) nuclear reactions with neutron energy range from threshold to 20 MeV	O34 Tuğba DEMİRBAŞ Investigation of gamma-ray shielding parameters of Na ₂ Si ₃ O ₇ /Bi ₂ O ₃ glassy composites
16:30 – 16:45	O8 Hisham SHAMS Multistage chemical bath deposition of thick film cadmium sulfide for CdS/CdTe X-ray detector	O40 Seyed Khalil Mousavi MOBARAKEH Relation of spectral statistics and medical applications	O26 Fatih EKİNCİ Effects of Biomaterials on Lateral Spreading Dose in Proton Therapy	O35 İsmail Hakkı KARAHAN Genetic programming modelling of Radon measurements of some touristic places in Hatay, Turkey

16:45 – 17:00	O9 Gencebay KARAKAYA Evaluation of the natural perlite as a new radiation shielding material	O18 Sefer BALCI Implementation of two-window and three-window peak area methods to determine the ²³⁵ U abundance in Uranium samples measured by a LaBr ₃ (Ce) scintillation detector	O27 Fatih EKİNCİ Investigation of lateral spread of 80-250 MeV energy protons in water and cortical bone	O36 Mehmet Ertan KÜRKÇÜOĞLU Indoor Radon in Isparta
17:00 – 17:05	S4 Mehmet ERDOĞAN Gamma exposure and annual effective dose due to terrestrial radioactivity in Ortaköy granitic zone of Aksaray province (Turkey)	S10 Kemal TAŞDÖVEN Gamma ray strength function calculations in some Osmium isotopes	S16 Mehmet Emin KORKMAZ Evaluation of the perlite as a new radiation shielding material	S35 Tuğba ÇEPNİ Quality control tests of cardiac SPECT camera
17:05 – 17:10	S30 Ayla Gümüş Comparison of Radon Concentration Results Measured by Two Different Methods in Well Waters	S11 Filiz YEŞİLDAĞ Excitation function of (p,xn) reactions on Th and U targets	S17 Ceren KARAMAN A novel approach to electromagnetic interference shielding: conductive polymer/graphene nanocomposites	S36 Tuğba ÇEPNİ The radiochemical purity test of ^{99m} Tc-sestamibi
17:10 – 17:15	S6 Fatma Aysun UĞUR Use of Boron in reactors as shielding and moderator material	S12 Fethiye YEŞİLDAĞ Comparison of level density models in (p,n) reaction of some natural metals	S18 Ceren KARAMAN Investigation of the potential use of 3D graphene networks and composites for high-performance electromagnetic interference shielding	S3 Esra UYAR Determination of the full energy peak efficiency of HPGe detector using Monte Carlo simulation
17:15	BREAK			
17:30	POSTER SESSION 1 S1 – S24			

21 April 2018 SATURDAY

	FERMI HALL Chair: Prof.Dr. Eyyup TEL	BECQUEREL HALL Chair: Prof.Dr. Muhittin ŞAHAN	HESS HALL Chair: Prof.Dr. Sabin STOICA	LAWRENCE HALL Chair: Assoc.Prof.Dr. Doğan YAŞAR
09:00 – 09:15	O37 Özgür CULFA Measurements of generated proton energy spectra by high power lasers	O14 Abdullah AYDIN Investigation of the effects of the level density models and g-strength function models on the ^{92,94,98,100} Mo(p,g) reaction cross sections	O43 İlker SERT Temporal evolution of lead isotope ratios and metal concentrations in sediments of the North Aegean sea, in Turkish coast	O46 Hatice Kübra BELEN Investigation of the possibility of producing ²²⁵ Ac radioisotope in a proton cyclotron
09:15 – 09:30	O38 Nihan AKKURT Measuring the electromagnetic properties of radio-frequency quadrupole	O41 Erol KAM Comparison of gamma-ray sources which used to measure of material density especially -metals and alloys- via using transmission technique	O44 Kübra BAYRAK Determination of count intensity and elemental weight percentages of sediments in the Altınova shipyard region (Yalova-Izmit gulf) by SEM-EDX	O25 Salih Mustafa KARABIDAK An application of the dead time correction program at gamma-rays detectors
09:30 – 09:45	O39 Ersin ÇİÇEK Design of a 352.21 MHz RF power coupler for the SANAEM RFQ	O42 Erol KAM Outdoor gamma dose in air and investigation cancer risk for Hatay province, Turkey	O45 Mehmet KOŞAL Luminescence dating of Harran ruins bricks	O19 Salih Mustafa KARABIDAK A program for dead time correction at gamma-rays detectors
09:45	BREAK			
	FERMI HALL Chair: Assoc.Prof.Dr. Kaan MANISA	BECQUEREL HALL Chair: Assoc.Prof.Dr. R. Gökhan TÜRECİ	HESS HALL Chair: Assoc.Prof.Dr. Mahmut BÖYÜKATA	LAWRENCE HALL Chair: Dr. Zafer SAĞEL
10:00 – 10:15	O49 Aslıhan ÇAĞLAR Electromagnetic Simulations for 800 MHz Pillbox Cavity and Power Coupler	O51 Burcu UÇAR Bohr Hamiltonian for $\gamma=30^\circ$ with Kratzer potential	O78 Fatma Aysun UĞUR Investigation of the use of Boron and clay materials in radioactive waste storage systems	O55 Elif Ebru ERMIŞ Can FLUKA determine light yields of the scintillators used in medical imaging?
10:15 – 10:30	O50 Nihal BÜYÜKÇİZMECİ On the determination of binding energy of hypernuclei	O52 Tuğba TURAN A Solution of Bohr Hamiltonian for $\gamma=0^\circ$ with Kratzer Potential	O86 Yunus Emre DOĞAN Excitation function of (g,xn) reaction in some lanthanides	O56 Elif Ebru ERMIŞ Investigation of gamma ray percent absorption efficiencies of the crystals used in medical imaging by means of FLUKA Monte Carlo program
10:30 – 10:35	S25 Özgür CULFA Effects of Radiation Pressure Acceleration on Heavy Ion Generation for Ultra Intense Laser Solid Interaction	S28 Yusuf KAVUN Comparison of Radiation Shielding Properties of Fir with other Wooden Materials at 6 MeV X-rays Energy	S31 Rıdvan ÜNAL Preparation of Organic Nano Thin Film Sensor for Harmful Gas Detections	S34 Adem PEHLİVANLI Determination of secondary neutrons produced by 100 MeV energy protons in water
10:35 – 10:40	S26 Volkan SERT Acceleration of Carbon ions by high power lasers	S29 R. Ömer TURHAN Mean free path calculations for some shielding barite concrete elements	S32 Ozan TOKER Prediction of breast cancer pattern using artificial neural network algorithms	S22 Tuğçe GÜLÜMSER Investigation of p, d and α emission spectra for neutron and proton induced reactions on ⁶³ Cu

10:40 – 10:45	S27 Hüseyin Ali YALIM Investigation of the Excitation-Autoionization States of Helium	S5 Enis KAPDAN Radiologic risk assessment of outdoor radioactivity in capital city Ankara, Turkey	S33 Ozan TOKER Classification of breast cancer patients' blood samples using machine learning algorithms	S23 Tuğçe GÜLÜMSER A theoretical study on the production cross-section calculations for ⁸⁶ Y medical isotope
10:45	BREAK			
	FERMI HALL Chair: Prof.Dr. Nazmi Turan OKUMUŞOĞLU			
11:00	Inv. Talk: Prof.Dr. Üner ÇOLAK Nuclear Energy: Historical Developments and Future Perspectives			
11:30	Inv. Talk: Dr. Zafer SAĞEL Nuclear Applications in Agriculture			
12:00	LUNCH			
	FERMI HALL Chair: Prof.Dr. Nihal BÜYÜKÇİZMECİ	BECQUEREL HALL Chair: Assoc.Prof.Dr. M.Hicabi BÖLÜKDEMİR	HESS HALL Chair: Prof. Dr. Abdellatif Elanique	LAWRENCE HALL Chair: Assoc.Prof.Dr. İsmail Hakkı SARPÜN
13:00 – 13:15	O57 Yousry ABUSHADY Reactor design calculations	O60 Burcu UÇAR A solution of Bohr hamiltonian for $\gamma \approx 30^\circ$ with Kratzer potential	O63 Erol KAM Outdoor gamma dose rates in air and assessment of cancer risk for Kocaeli province, Turkey	O47 Hediye ACUN BUCHT Calculation of the in-air output factors of 6MV photon beam of a medical linear accelerator by means of photon phase spaces attained by the Geant4/GATE Simulation
13:15 – 13:30	O58 Mahmut BÖYÜKATA Study on shape structure of even-even cerium isotopes within the interacting boson model-1 and the cranking Nilsson Strutinsky model	O61 Tuğba TURAN Bohr hamiltonian for $\gamma \approx 0^\circ$ with Kratzer potential	O64 İlker SERT Sediment chronology and historical evolution of heavy metal contamination in terms of pollution index in Turkish coast, North Aegean Sea	O66 Aysun İNAL The radiation dose measurements on linear accelerator (Linac) unit, produces high energy x-rays
13:30 – 13:45	O95 Abdullah AYDIN The comparison of the effect of the different sets of the deformation parameters on the cross sections calculations of ⁹⁶⁻¹⁰⁴ Ru targets	O62 Arif SOYLU Comparison of resistive network and ASIC readouts for position determination with SiPM arrays	O65 Kübra BAYRAK Study of gross alpha and gross beta activity concentration in sediments in the Büyükçekmece lake basin (İstanbul, Turkey)	O76 Nina TUNÇEL Medical imaging from analog to digital systems: A review
13:45 – 13:50	S38 Rıdvan ÜNAL The calculation of (n,x) reaction cross sections for ²⁰⁹ Bi, ²³² Th and ²³⁸ U nuclei between 0 and 30 MeV	S40 Hatice BİLGİN Excitation functions of nuclear reactions induced by alpha particles up to 50 MeV on ⁴⁶ Ti, ⁴⁵ Sc and ⁵¹ V	S43 Muhittin ŞAHAN Cross-section calculations of Gallium and Arsenic nuclei for (n,2n) and (n,p) Reactions up to 20 MeV	S67 Hülya ÖZDEMİR Recent developments in medical imaging
13:50 – 13:55	S37 Önder SÖNMEZ Investigation of level density parameter dependence for some even-odd and odd-even nuclei in fission cross sections induced by neutrons with the incident energy up to 20 MeV	S41 Gözde DEMİRELLİ Theoretically proton emission DDX calculation on Ge isotopes of neutron induced reactions	S44 Mert ŞEKERCİ (n,p) reaction cross-section calculations of fission reactor control rod materials ¹⁰⁷ Ag, ^{111,112,113} Cd, ¹¹⁵ In	S47 Tahir ÇAKIR Calculation of radiological properties of iodine compounds contrast agents (iodixanol, iohexol, iopamidol, iopromide, ioxagalet)
13:55 – 14:00	S39 Hüseyin Ali YALIM Experimental study of double excitation-ionization resonance profiles of helium by electrons	S42 Mehmet BÜYÜKTÜRKMEN Investigation of ¹³¹ Cs medical radioisotope production by TALYS	S45 Mert ŞEKERCİ (n,2n) reaction cross-section calculations of some Cd isotopes	S48 Asuman KOLBAŞI Node locator: An intraoperative gamma camera
14:00	BREAK			
	FERMI HALL Chair: Prof.Dr. A. Güneş TANIR			
14:15	Inv. Talk: Dr. Thomas CALLIGARO Nuclear Imaging of Paintings			
	FERMI HALL Chair: Asst.Prof.Dr. Tahir ÇAKIR	BECQUEREL HALL Chair: Prof.Dr. Abdullah KAPLAN	HESS HALL Chair: Assoc.Prof.Dr. Erol KAM	LAWRENCE HALL Chair: Assoc.Prof.Dr. Nina TUNÇEL
14:45 – 15:00	O70 Erdem UZUN One trap one recombination model under the first order kinetic parameters	O71 Mustafa ÖZGÜR The γ -ray strength functions of ^{143,147} Nd isotopes	O73 M. Özgür SEZER ESR investigation of radiation effect on CoQ10 drug	O75 Oğuz AYDIN Dosimetric comparison of three different VMAT techniques in head and neck cancer radiotherapy
15:00 – 15:15	O69 A. Güneş TANIR Application of active-OSL approximation to experimental decay curves from NaCl sample exposed to different doses	O72 Gülderan AÇIKGÖZ Determination of morphological characteristics and mineralogical structure of the Kulakcayiri sediments by SEM and XRD	O74 Hüseyin TOKTAMIŞ Investigation of thermoluminescence properties of calcite mineral conducted by bacterial calcium carbonate (CaCO ₃) precipitation in organic soil	O68 Duygu BOLAT Dosimetric comparison of two different VMAT techniques in lung cancer radiotherapy
15:15 – 15:20	S49 Erhan ESER Calculation specific heat capacity of Uranium Nitride nuclear fuel	S55 Ali Nadi KAPLAN Investigation of radiation effects on polymer concretes designed with different aggregates	S62 Sümeyra BALCI YEĞEN ESR investigation of radiation effect on CoQ10 drug	S46 Boumediene LASRI Triple differential cross sections for the single ionization of water molecule (H ₂ O) by electron impact
15:20 – 15:25	S50 Uğur BÜYÜKER A survey distribution of terrestrial radionuclides in surface soil samples in and around Erzin province, Turkey	S56 Ali Nadi KAPLAN Proton and alpha radiation effects on hematite aggregated polymer concretes by using Geant4	S61 Dilek TOKTAMIŞ Variation of the kinetic parameters of traps found in the fluorapatite mineral (Ca ₅ F(PO ₄) ₃) in tooth enamel under the different annealing temperatures	S68 Asiye GÜROL Theoretical calculation of neutron induced fission cross section on some actinides
15:25 – 15:30	S51 Uğur BÜYÜKER Measurements of gross alpha and gross beta activities in Erzin Water	S71 Hasan ÖZDOĞAN Comparison of penetrating distance calculations for magnetite and ordinary concrete	S63 Nihal BÜYÜKÇİZMECİ Investigation of the Lambda hypernuclei in nuclear reactions	S69 Asiye GÜROL Theoretical calculation of gamma induced fission cross section on some actinides

15:30 – 15:35	S52 Elif GÖREN Tritium activity levels in drinking water of Adana, Turkey	S72 Hasan ÖZDOĞAN Comparison of stopping power calculations for magnetite and ordinary concrete	S64 Bekir ORUNCAK Excitation Function of (p,xn) reactions for ¹¹³ Cd Nucleus	S54 Ceren KARAMAN High performance graphene-based photodetectors
15:35 – 15:40	S53 Erdem UZUN Investigation of the glow curves of the Ermenek-Sarveliler-Başyayla region soil samples	S59 Abdullah KAPLAN Deuteron induced reaction cross-section calculations for ^{107,109} Ag, ^{151,153} Eu and ¹⁶⁰ Gd isotopes	S65 Aysun İNAL Evaluation of the dosimetric results of 3 mm geometric error in linear accelerator (LINAC) beam data measurements	S57 İsmail Hakkı SARPÜN Photo-neutron cross section calculations of ^{84,86,87,88} Sr
15:40 – 15:45	S70 Ahmet BÜLBÜL Calculation of diffusion length with Anli-Güngör phase function using UN method	S60 Abdullah KAPLAN Neutron production cross-section calculations of ¹¹¹ Cd for (p,xn) reactions	S66 Mehmet Murat YAŞAR Calculation of mass attenuation coefficients of hormirad and galena materials for radiation shielding by Monte Carlo method	S58 İsmail Hakkı SARPÜN Proton, deuteron and alpha emission of BN composites
15:45	BREAK			
16:00	POSTER SESSION S25-S72			

22 April 2018 SUNDAY

	FERMI HALL Chair: Assoc.Prof.Dr. Ahmet BÜLBÜL	BECQUEREL HALL Chair: Assoc.Prof.Dr. Hüseyin TOKTAMIŞ	HESS HALL Chair: Dr. Ercan YILDIZ	LAWRENCE HALL Chair: Prof.Dr. İbrahim Halil MUTLU
09:00 – 09:15	O77 Serpil YALÇIN Study of resonances at the LHC energies with the ALICE detector	O80 Abdellatif ELANIQUE Determination of the dead layer thickness for HPGe detector: measurements vs. Monte Carlo methods	O21 Orkhan MUKHTARLI Tritium activity levels in bottled water and mineral water sold in Azerbaijan	O87 İsmail Hakkı KARAHAN Optimization of the electrophoretic deposition parameters for Biocomposite hydroxyapatite /chitosan/ collagen/h-BN
09:15 – 09:30	O54 Sergey KARPENKO Leukemia Incidence in the Russian Cohort of Chernobyl Emergency Workers: Estimates of Radiation Risks in the Follow-up Period 1986–2014	O81 Abdellatif ELANIQUE validation of a NaI(Tl) and LaBr ₃ (Ce) detector's models: experiment and Monte Carlo simulations	O84 Eyyup TEL Investigation of using neutron generator source in Thorium fuel efficiency at new generation nuclear reactor types	O88 İsmail Hakkı KARAHAN The effect of chitosan concentration on the corrosion characteristics of the biomedical grade Ti ₆ Al ₄ V implants electrophoretically coated with hydroxyapatite/chitosan biocomposites
09:30 – 09:45	O79 Maria CHUSHNYAKOVA Influence of backscattering on fission rate of excited nuclei	O82 Hilal BARDAKÇI Three-dimensional Monte Carlo calculation of the nuclear parameters for some nuclear libraries	O85 Ali Armağan GÖK A study of mean free path on the radiation shielding properties of normal concrete	O53 Sergey LOVACHEV Estimate of Individualized Radiation Risk Coefficients under Internal Exposure for the Cohort of Russian Emergency Workers
09:45	BREAK			
	FERMI HALL Chair: Assoc.Prof.Dr. Mehmet ERDOĞAN	BECQUEREL HALL Chair: Assoc.Prof.Dr. Fatma Aysun UĞUR	HESS HALL Chair: Dr. Yusuf KAVUN	LAWRENCE HALL Chair: Dr. Hasan ÖZDOĞAN
10:00 – 10:15	O89 Pınar KAAN The criticality problem with the quadratically anisotropic scattering	O92 Gökmen ŞEKER The investigation of convert ²³² Th(n,γ) ²³³ U for some nuclear libraries in a hybrid reactor	O59 Saifi HANANE Study of nuclear structure of nuclei with two valence nucleons in the vicinity of Z=28 and N=50 closed shells	O97 Yusuf Alper KAPLAN Necessity of nuclear energy in Turkey
10:15 – 10:30	O90 Ali Zafer BOZKIR The effect of varying constant source over albedo problem for quadratically anisotropic scattering	O93 Gökmen ŞEKER The effects on radiation damage of some nuclear libraries in a hybrid reactor	O96 Mehmet Murat YAŞAR Calculation of linear attenuation coefficient of amethyst material for radiation shielding by Monte Carlo method	O98 Yusuf Alper KAPLAN The role of nuclear energy for generating electric in Turkey
10:30 – 10:45	O91 M. Cüneyt KAHRAMAN Hydrogen recombination in REKO-4 facility and analysis of recombination	O94 Hilal BARDAKÇI The calculation of neutron flux for some nuclear libraries using Monte Carlo method	O12 Murat DAĞ Determination of direct capture reaction rate for ²⁶ Si(p,γ) ²⁷ P	
10:45	BREAK			
	FERMI HALL Chair: Prof.Dr. Üner ÇOLAK			
11:00	Inv. Talk: Prof.Dr. İbrahim Halil MUTLU How Innovation is Related to STEM Education? Where are we at? What can be Done?			
11:30	Inv. Talk: Prof. Dr. Yousry ABUSHADY 3NS [Nuclear Safety, Nuclear Security and Nuclear Safeguards] and World Nuclear Crises			
12:00	Closing Ceremony			
12:15	LUNCH			