

CONFERENCE HALL	
1st Day (20 September 2017 WEDNESDAY)	
09.00-10.00	Registration
10.00-11.00	Opening Ceremony
11.00-11.30	Kokteyl - Coffee Break
11.30-12.00	CHAIRMAN: Prof. Dr. İhsan ULUER Prof. Dr. JAMEEL-UN NABI (Invited Speaker) <i>Evolution of O-Ne-Mg cores and neutrino cooling by Urca processes</i>
12.00-12.20	Hasan GÜMÜŞ <i>A New Algorithm For Stopping Power And Range Calculations For Heavy Ions At Intermediate Energies</i>
12.30-13.30	Lunch
13.30-14.00	CHAIRMAN: Prof. Dr. Nihal BÜYÜKÇİZMECI Prof Dr. Ali Ekber KULİEV (Invited Speaker) <i>Evaluation Nuclear Integral Characteristics By Contour Integrals And Residue Theorem</i>
14.00-14.20	Fabrice PÉLESTOR <i>Multiplicity Distribution of Prompt Neutron Fission, Frehaut and Terrel Comparison</i>
14.20-14.40	Fahrettin KOYUNCU <i>Investigation of $^{12}\text{C}+^{16}\text{O}$ Fusion Reaction with screening effects</i>
14.40-15.00	Hümbet AHMEDOV <i>Some details in description of prompt fission neutron spectrum in spontaneous fission of Cf-252</i>
15.00-15.30	Coffee Break
15.30-17.10	CHAIRMAN: Prof. Dr. Cevad SELAM
15.30-15.50	Sefa ERTÜRK <i>Performance of PARIS Demonstrator Clusters LaBr₃ and CeBr₃ Using AGATA+PARIS+VAMOS Setup at GANIL</i>
15.50-16.10	Ramesh Kumar GUPTA <i>Deformed Nuclei And Triaxiality</i>
16.10-16.30	Samra KAIM <i>Shell Closure Nuclei N = 82 Studying And Interpretation: Cerium Isotopes $^{136-138}\text{Ce}$</i>
16.30-16.50	Nuray YAVUZKANAT KIZILYER <i>Development of a micro fluidic device for detection of PET Radiopharmaceuticals</i>
16.50-17.10	Omar ABBOOSH <i>Measurement of alpha particle diameters and calculating the track's diameter growth rate(VD) for using the CR-39 detector</i>
17.10-17.30	Coffee Break
17.30-18.30	CHAIRMAN: Prof. Dr. Ahmet Hakan YILMAZ
17.30-17.50	Yosef G.Ali MADE <i>Radiometric Characterization and Natural Occurring Radionuclides of Sepiolite Deposits In Polatli</i>
17.50-18.10	Ahmet M. Khalifa GARAD <i>Heavy metal pollution around Kangal lignite-burning power plant</i>
18.10-18.30	Burcu EROL <i>Coupled-Channel Analyses On $^{46,48,50}\text{Ti}+^{124}\text{Sn}$ Heavy-Ion Fusion Reactions</i>
18.30-19.30	POSTER SESSION I
20.00-22.00	DINNER (by Karabük University)

CONFERENCE HALL	
2nd Day (21 September 2017 THURSDAY)	
09.00-09.30	CHAIRMAN: Prof. Dr. Hasan GÜMÜŞ Prof. Dr. Nihal BÜYÜKÇİZMECİ (Invited Speaker) <i>Statistical approach for hypernuclei</i>
09.30-09.50	Ayşegül KAYA <i>Investigation of mass distributions of hypernuclei</i>
09.50-10.10	Bülent YILMAZ <i>Multinucleon transfer in head-on collisions of Ca48 + U238, Ca48 + Ca48 and U238 + U238 systems with stochastic mean-field approach</i>
10.10-10.30	Tuncay BAYRAM <i>On the Nuclear Structure and Neutron Induced Nuclear Reaction Cross Sections of Yb Isotopes</i>
10.30-10.50	Mustafa Kemal BAHAR <i>Temperature and magnetic field dependence of heavy meson masses</i>
10.50-11.10	Coffee Break
11.10-12.30	CHAIRMAN: Prof. Dr. Samra KAIM
11.10-11.30	Mahmut BÖYÜKATA <i>The γ-band behavior of the nuclei in the Se-Ge region</i>
11.30-11.50	Emre TABAR <i>On the Properties of Scissors Mode in N=91 isotones</i>
11.50-12.10	Hakan YAKUT <i>Systematic of Low-Lying Magnetic Dipole Excitations in Odd-Proton Ho Isotope Chain</i>
12.10-12.30	Huseynqulu QULIYEV <i>Nature of the Pygmy Dipole Resonance in well deformed ¹⁴⁸⁻¹⁵⁴Sm</i>
12.30-13.30	Lunch
13.30-14.00	CHAIRMAN: Prof. Dr. Fabrice PELESTOR Prof. Dr. İsmail BOZTOSUN (Invited Speaker) <i>Determination of Energy Transitions and Half-Lives of Br Isotopes</i>
14.00-14.20	Mosab Jaser BANISALMAN <i>Stability and mobility of self-interstitial atoms in alpha Fe: effect of uniaxial stress</i>
14.20-14.40	Hasan BİRCAN <i>Symmetry Energy And The Incompressibility Factor Of Asymmetric Nuclear Matter</i>
14.40-15.00	Serdar ÜNLÜ <i>Contribution of unique first-forbidden transitions to two neutrino double beta decay amplitude</i>
15.00-15.20	Şevki ŞENTÜRK <i>Nuclear Ground State Properties of Sn Isotopes</i>
15.20-15.50	Coffee Break
15.50-16.20	CHAIRMAN: Assoc. Prof. Dr. Bülent YILMAZ Prof. Dr. Cevad SELAM (Invited Speaker) <i>Charge Exchange Dipole and Spin-Dipole Excitations In Odd Mass Nuclei</i>
16.20-16.40	Cafer Mert YEŞİLKANAT <i>Assessment of Gross Alpha/Beta Radioactivity Levels in Human Teeth: A Case Study from İstanbul, Turkey</i>
16.40-17.00	Mehmet Emin KORKMAZ <i>A study of (y,n) and (y,2n) reaction cross sections of ²³²Th and ^{235,236,238}U isotopes</i>
17.00-17.20	Mehmet Emin KORKMAZ <i>Simulation of Excitation Functions of ⁴⁷Ti(d,2p)⁴⁷Sc, ⁵⁸Ni(d,2p)⁵⁸Co and ⁵⁹Co(d,2p)⁵⁹Fe Reactions</i>
17.20-17.40	Rıdvan BALDIK <i>A study on the Excitations Functions of ⁵⁸Ni(d,2p), ⁵⁸Ni(d,α), ^{58,60,61}Ni(d,n) and ⁶⁴Ni(d,p) Reactions</i>
17.40-18.00	Aykut YILMAZ <i>Investigation of Pre-equilibrium Effects on the ^{58,60-62,64}Ni(n,α) Reactions</i>
18.00-19.00	POSTER SESSION II
19.30-22.00	GALA DINNER (by KARDEMİR INC.)

HALL 2	
2nd Day (21 September 2017 THURSDAY)	
11.10-12.30	CHAIRMAN: Assoc.Prof. Dr. Mehmet ERDOĞAN
11.10-11.30	Kemal TAŞDÖVEN <i>Photoneutron Reactions in ¹⁸⁶W and ¹⁵²Sm Nuclei</i>
11.30-11.50	Sevim BİLİCİ <i>Prediction of the Natural Radioanuclides using Artificial Neural Networks</i>
11.50-12.10	Aysun KÜÇÜKKİLİNÇ <i>Investigation Of Gamma Absorbtion Of Some Building Materials In Samsun</i>
12.10-12.30	Şule KARATEPE <i>Elastic Scattering For The System ¹⁷F+¹⁴N At 170 MeV</i>
12.30-13.30	Lunch
14.00-15.20	CHAIRMAN: Assoc. Prof. Dr. Mustafa Hicabi BÖLÜKDEMİR
14.00-14.20	Berna Yavuz PEHLİVANLI <i>An Example Of Radioactive Uranium Enrichment In Oil Shales; Celtek Formation (Sorgun-Yozgat/Turkiye)</i>
14.20-14.40	Berna Yavuz PEHLİVANLI <i>Understanding Naturally Occurring Radioactive Materials (NORMs) and Rare Earth Element (REE) in Oil Shales (Çeltek Formation, Sorgun Yozgat Turkey)</i>
14.40-15.00	Tuğba DEMİRBAŞ <i>The Effects of Various Scanning Techniques on Image Quality of Gamma Camera: A Phantom Study</i>
15.00-15.20	Kübra HARMAN <i>Contamination Measurements of Patient's Lead-Insulated Rooms After I-131 and Lu-177 PSMA Treatment via Sweeping Test</i>
15.20-15.50	Coffee Break
15.50-18.20	CHAIRMAN: Assoc. Prof. Dr. Kaan MANİSA
16.20-16.40	Hande BOYDAŞ <i>Calculation of the cross sections of ^{96,98,104}Ru(p, γ) reactions for different the level density models and γ-strength function models</i>
16.40-17.00	Gamze HOŞGÖR <i>On the Ground-State Magnetic Dipole Properties of the ¹⁵³Sm Nucleus</i>
17.00-17.20	Serkan AKKOYUN <i>Ground State Properties of Heavy Nuclei in Different Approach</i>
17.20-17.40	Hasan Ali AYGÖR <i>Investigation of Gamow-Teller transition properties of the Ca-47 and Sc-47 isotopes by Pyatov's Method</i>
17.40-18.00	Necla ÇAKMAK <i>Calculation of The Half-Lives for Sr-85 nucleus within pn-QRPA</i>

CONFERENCE HALL 3rd Day (22 September 2017 FRIDAY)	
09.00-09.30	CHAIRMAN: Prof Dr. Ali Ekber KULİEV Prof. Dr. Ahmet Saim SELVİ (Invited Speaker) <i>Nükleer Quadrupol Rezonans (NQR) Yöntemiyle ve Üç Farklı Enerjili X-Işınlarıyla Patlayıcı Tespiti</i>
09.30-09.50	Miraç KAMIŞLIOĞLU <i>An Adaptive Neuro-Fuzzy Inference System Model for Determining of Radioactivity Levels in Hazar Lake Water</i>
09.50-10.10	Miraç KAMIŞLIOĞLU <i>Fuzzy Logic Modeling for Soil ²²²Rn Gas Measurements and Earthquake Magnitude Variables</i>
10.10-10.30	Zeynep YÜKSEL <i>Mean Excitation Energy Calculations For The Atoms $Z \leq 54$</i>
10.30-10.40	Coffee Break
10.40-12.20	CHAIRMAN: Assoc.Prof. Dr. Mahmut BÖYÜKATA
10.40-11.00	İsmail Hakkı SARPÜN <i>DDX Calculations of Some Transition Metals</i>
11.00-11.20	Aysuhan OZANSOY <i>Doubly Charged Lepton Searches At Future Electron-Proton Colliders</i>
11.20-11.40	Seyit Okan KARA <i>FCC-tabanlı Muon-Hadron Çarpıştırıcılarında Uyarılmış Muon Üretimi</i>
11.40-12.00	Nurettin TÜRKAN <i>Investigation Of Electromagnetic Characteristics Of Some Even Even Nuclei Around The Region Of $A \sim 100$: Multipole Mixing Ratios Of Isotopes Having Neutron Number Between $N=52$ And $N=64$ For Zr</i>
12.00-12.20	İsmail MARAŞ <i>The Investigation Of The Multipolarities Of Transitions Of Some Doubly Even Nuclei Around $A \sim 100$ Region: Molibdenum Isotopes Having Neutron Numbers Between $50 < N < 60$</i>
12.20-12.40	Tuba NAMDAR <i>Shielding Behaviors of Some Polymer Composites</i>
12.40-18.30	EXCURSION-LUNCH (by Karabük Universtiy)-CLOSING