

Wednesday, May 10, 2017				
Conference Hall		HALL 2		HALL 3
09:00-10:30	Registration and Reception			
10:30-11:30	Opening Ceremonies			
11:30-12:00	IS1 Prof. Dr. Ahmet BOZKURT "The practice of radiation protection: Old habits, new trends"			
12:00-13:00	LUNCH			
13:00-13:30	Chair: Prof.Dr. A. Güneş TANIR	Chair: Prof.Dr. Zehra YEĞİNGİL	MP016 – Okutan The treatment techniques in localized prostate cancer who has a hernia: a case study	MP021 – Turan The examination of the MDA change and the time until the excretion of the Tc-99m radionuclide found in radiopharmaceutical used in nephro-urological nuclear medicine methods of 0-15 years' children
	IS2 Dr. Ahmed AZBOUCHE Uses nuclear techniques of radiotracers and INAA of Rare Earth Elements for soil erosion assessment		MP018 – Almahdi Evaluation of patient effective doses and imaging protocols in cardiac catheterization procedures	MP022 – Dönmez Kesen Investigation of the effect of patient respiratory motion on the dose distribution in breast cancer radiotherapy
13:30-13:45	MP001 – Koç An application study about maintaining quality in radioisotope calibrators which are used in nuclear medicine centers	LU016 – Nur Solution combustion synthesis, structural and dosimetric characterization of ZnB ₂ O ₄ :Eu nanophosphors	MP019 – Kaya The dose calculations in air using different gamma energy	MP024 – Chemingui Dosimetry comparison between VMAT and RC3D techniques: prostate as case of treatment
13:45-14:00	MP002 – Köksal Dosimetric comparison of stereotactic body radiotherapy and three-dimensional brachytherapy in patients with locally advanced cervical cancer	LU019 – Uzun Numerical solutions of the thermoluminescence equations by using Mathematica	MP015 – Demir A dosimetric comparison with 3D conformal and volumetric modulated arc therapy for endometrial cancer	MP003 – Köksal Critical organ dose comparison of multichannel cylinder applicator and central cylinder applicator in high dose rate brachytherapy
14:00-14:15	MP004 – Karaman Measurement of neutron contamination from 18-MV medical linac	LU021 – Toktamış The investigation of thermoluminescence properties of feldspathic ceramic used in dental processes	MP023 – Gedik Comparison of 3DCRT, VMAT and IMRT techniques in metastatic vertebra radiotherapy: A phantom Study	MP020 – Tunçman Genç Investigation of tissue inhomogeneity effect on dose distribution for 3D high dose rate brachytherapy using EBT3 gafchromic film
14:15-14:30	BREAK			
14:30-14:45	Chair: Prof.Dr. Bayram DEMİR	Chair: Prof.Dr. İsmail Hakkı KARAHAN	MP009 – Kovan Quality control test of ^{99m} Tc pertechnetat marked hydroxyethylene diffosfonate (hdp) radiopharmaceutical	MP025 – Özer Elekta ibeam evo carbon fiber couch effects on skin and maximum dose for 6 MV photon beam and Monaco treatment planning system
	MP005 – Akbaş Surface dose measurement with gafchromic EBT3 film for intensity modulated radiotherapy technique	LU024 – Tuncel A review of TLD's zero-count based on temperature and radiation history of them	MP026 – Chibane Evaluation of volumetric modulated arc therapy (VMAT) patient quality assurance for head and neck cancers	MP017 – Tanyıldızı Radiation absorbed dose calculation of Yttrium-90 microsphere therapy
14:45-15:00	MP007 – Kovan Radiation doses to pediatric patients originated from adult patients in nuclear medicine waiting room	LU020 – Uzun Numerical analysis of the thermoluminescence glow peak of the Karadağ rocks	MP006 – Akbaş Alternative radiotherapy planning for head and neck cancer treatment	LU015 – Portakal Influence of sintering time on the thermoluminescence characteristics of Eu ³⁺ doped CaO obtained from sea-urchin skeleton: a preliminary study
15:00-15:15	MP008 – Kovan Voltage (kV) and current (mAs) optimization for gamma ray attenuation correction by computed tomography in SPECT	LU010 – Dönmez Kesen Evaluation of optically stimulated luminescent dosimeters in open field surface dose measurements	LU017 – Yazıcı Evaluation of the <i>f(D)</i> functions of TLD-600 and TLD-700 exposed to ²⁵² Cf neutron + gamma radiations	LU018 – Birlık Synthesis and thermoluminescence properties of Eu doped CaMoO ₄
15:15-15:30	MP010 – Pehlivanlı Comparison of radiotherapy treatment plans in prostate cancer	LU012 – Yüksel Obtaining pure quartz from soil samples and calculation of its kinetic parameters using isothermal decay method		

15: ³⁰ -15: ⁴⁵	MP011 – Altıparmak Investigations of target volume and critical organ doses in stomach cancer with 3D conformal radiotherapy and intensity modulated radiotherapy techniques	LU014 – Doğan Preliminary dose response results of quartzite using thermoluminescence method	LU011 – Akça The effect of Eu dopant amount on the characteristics of thermoluminescence of Eu ³⁺ doped CaO obtained from sea urchin skeleton	LU022 – Ahmed Investigation of thermoluminescence properties of natural calcite
15: ⁴⁵ -16: ⁰⁰	BREAK			
16: ⁰⁰ -16: ³⁰	Chair: Prof.Dr. Gülsen ÖNENGÜT	Chair: Prof.Dr. Ahmet BOZKURT	LU023 – Toktamış Investigation of thermoluminescence properties unique Rosso Levanto marble	LU003 – Yeğingil Determination of potential use of Li ₂ B ₄ O ₇ :Ag, Tb for dosimetry purposes using OSL technique
	IS3 Prof. Dr. Virgilio CORRECHER An overview of techniques for the detection of irradiated food		LU002 – Aksoy OSL kinetic using AOSL Approximation	LU004 – Özdemir OSL study of LiB ₃ O ₅ : Nd, K, Cu, Na samples synthesized by solid state method
16: ³⁰ -16: ⁴⁵	MP012 – Yazgan Monte Carlo simulation of 18 MV medical linear accelerator and performing neutronic analyses	NA014 – Ertürk Investigation of new-generation digital electronic, NUMEXO2 for gamma ray spectrometer EXOGAM2	LU009 – Altunal Studying 6Li ₂ CO ₃ as a neutron converter for investigation of the neutron responses from synthesized BeO pellets using OSL	LU001 – Topaksu Preliminary results on dose response of serpentine mineral from Kızıldağ plateau in Karaisalı, Turkey
16: ⁴⁵ -17: ⁰⁰	MP013 – Abderrahim Study of the iodine-131 dose variation as a function of the size within an anthropomorphic thyroid phantom	AP010 – Bozkurt Performance of PARIS phoswich: linearity, efficiency, energy resolution and time response	LU006 – Güçkan Preparation of CaSO ₄ :Eu with neutron converter 6Li ₂ CO ₃ to develop a new OSL material with high sensitivity to neutron irradiation	LU005 – Özdemir Li ₂ ¹⁰ B ₄ O ₇ :Ag, Tb phosphor and its neutron sensitivity for dosimetry applications
17: ⁰⁰ -17: ¹⁵	BREAK			
17: ¹⁵ -17: ³⁰	Chair: Prof.Dr. Meral ERAL	Chair: Prof.Dr. Sezai YALÇIN	LU007 – Güçkan Investigation of OSL characteristics of LiB ₃ O ₅ : Pr, K, Cu, Na phosphor	LU013 – Yüksel Thermoluminescence characteristics of SrAl ₂ O ₄ :Dy phosphor prepared by the solution combustion method
	MP014 – Uğur Depth dose calculations	NA013 – Yeğingil The HVL value measurements of the cone beam CT (CBCT) kV beam using ionization chamber, diode and gafchromic XR-QA2 film		
17: ³⁰ -17: ⁴⁵	AP002 – Yıldız High energy electron beam production	NA004 – Shpagina Dynamics of electron in TEM wave field	LU008 – Altunal Preliminary study of LiB ₃ O ₅ : Ce, K, Cu, Na phosphor for OSL dosimetry	NA022 – Karahan Synthesis of Ni-based alloys for nuclear power stations via electrophoretic deposition
17: ⁴⁵ -18: ⁰⁰	AP005 – Culfı Measurements of generated proton energy spectra by high power lasers	NA012 – Yalçın Measurement of resonance productions at high energies with the Alice detector at the LHC	NA023 – Karahan Cyclic voltammetric investigation of high corrosion and heat resistant Ni and Ni-B alloys for nuclear systems	NA027 – Turhan İrak Properties of candidate structural reactor material, BN composites
18: ⁰⁰ -18: ¹⁵	AP006 – Ertürk Performance of PARIS cluster: ELBE experiment	RM021 – Karahan Radon measurements of some touristic places in Hatay, Turkey	NA011 – Tedjini Ab initio study of physical properties of semiconductors radiation detectors	NA002 – Garayeva Determination of the malondialdehyde content in two generations of <i>cucumis sativus l.</i> , the seeds of which before the first seeding were subjected to gamma-irradiation in different dose
18: ¹⁵ -18: ³⁰	AP001 – Yıldız Output laser parameters at linear accelerators	NA016 – Karabıdak Correction of the pulse pile-up reject and the pulse pile-up for gamma ray spectrometry	NA021 – Ünal Morphological studies of Ni-B/hBN composite coatings which can be used in nuclear systems	NA032 – Oral Research of adsorption of La(III) ions from aqueous solutions by magnetic nano graphene oxide (MNGO)

Thursday, May 11, 2017				
	Conference Hall	HALL 2	HALL 3	
09:00-09:15	Chair: Prof.Dr. Jameel-Un NABI	Prof.Dr. Mohamed BELGAID	NP041 – Biçer Equation of state of neutron-rich matter	NP009 – Mokhtari Temperature dependant isoscalar plus isovector neutron-proton pairing gap equations
	NP008 – Türeci The criticality problem for the triplet anisotropic scattering with modified FN method	NA006 – Özevci Transport of Lanthanum (III) through supported liquid membranes using CMPO carrier and ionic liquid diluter		
09:15-09:30	NP006 – Akkoyun Ground-state properties of some N=Z medium mass heavy nuclei	NA007 – Gedik Comparison of BIRADS 4th edition and BIRADS 5th edition density scale for healthy breast images for estimation of mean glandular dose	NP004 – Şentürk Ground-state properties of even-even ¹³⁶⁻¹⁸⁰ Dy and ¹³⁸⁻¹⁸² Er nuclei by using RMF model with DEFNE interaction	NP003 – Bilir The structure of the even-even ⁷⁴⁻⁸⁶ Sr isotopes in the A~80 region
09:30-09:45	NP017 – Bahar Bohr hamiltonian with inversely quadratic Yukawa potential For γ -unstable case	NA009 – Visnak Multilinear analysis of time-resolved laser-induced spectra of U(VI) containing natural water samples	NP001 – Mansour Calculation of the scattering probability with LEIS technique	NP002 – Aydoğın The behavior of the even-even ⁸⁰⁻⁸⁸ Zr nuclei
09:45-10:00	NP028 – Quliyev Investigation of the scissors mode in ¹⁶¹ Dy nucleus	NA008 – Aydın Electromagnetic performances of homogenous calorimeters with electron beams	NP042 – Erdoğan The energy per particle of pure neutron matter	NP022 – Şahin Gamow's formula calculations for 4n+2 series radioisotopes
10:00-10:15	NP027 – Turan Solution of bohr hamiltonian with the kratzer potential using nikiforov-uvarov method for X(3) critical point symmetry	NA010 – Visnak Quantum algorithms for computational nuclear physics revisited, particular case of second quantized formulation	NP023 – Laouet Nuclear structure of In isotopes in ¹⁰⁰ Sn mass region	NP010 – Aydın The structure of ¹⁵² Sm target and the effects of the deformation parameter on cross sections of neutron induced reactions
10:15-10:30	BREAK			
	Chair: Prof.Dr. Eyyup TEL	Chair: Prof.Dr. Rıdvan ÜNAL		
10:30-11:00	IS4 Prof. Dr. A. Güneş TANIR The distribution of ionizing radiation in the area surrounding the target mass using OSL			
11:00-11:15	NP030 – Güven Detailed investigation of the tensor force on the evaluation of magicity for the Si isotopes, N=20 and N=28 isotones with skyrme-hartree-fock-bogoliubov calculations	NA020 – Özok SiPM readout tests for decay spectroscopy detectors	NP024 – Benrachi Spectroscopic properties of ¹³⁰ Sb, ¹³² Te and ¹³⁴ I nuclei in ¹⁰⁰ Sn and ¹³² Sn magic cores	NP033 – Mousavi Mobarke Spectral statistics of deformed nuclei
11:15-11:30	NP018 – Selam Charge exchange spin-dipol excitations in spherical nuclei	NA005 – Tunçel ¹³¹ I-Labeled Bis(trifluoromethanesulfonyl) imide as an Infection imaging agent	NP053 – Bülbül Calculation of eigenvalues for neutron transport equation with P ₉ and U ₉ approximation using Henyey-Greenstein phase function in slab geometry	NP054 – Bülbül S4 solution of the transport equation for eigenvalues using Legendre polynomials
11:30-11:45	NP029 – Quliyev The investigation of electric pygmy dipole resonance in ¹⁷⁶ Hf	NA031 – Nartürk Measurement of shielding effectiveness of autoclaved aerated concrete for its use in diagnostic x-ray facilities and industrial facilities	NP056 – Öztürk S4 solution of the transport equation for eigenvalues: isotropic, backward and forward scattering in a slab	NP059 – Ege Calculation of eigenvalues of monoenergetic neutrons in a slab with backward and forward scattering using Chebyshev polynomials
11:45-12:00	NP007 – Türeci Half-space albedo problem for linear-quadratic anisotropic scattering according to moments of incoming neutron distribution	NA028 – Pakma Some electrical parameters of the Sn/p-Si diode under γ -irradiation	NP044 – Bouziane Attenuation coefficients of some soil physical properties	RM012 – Kocakoç Radioecological analysis of Ünye Curi beach and Gölevi neighbourhood
12:00-13:00	LUNCH			
	Chair: Prof.Dr. Aysel KAYIŞ TOPAKSU	Chair: Dr. Serkan AKKOYUN		
13:00-13:30	IS6 Prof. Dr. Mohamed BELGAID Monoenergetic fusion-based neutron sources (D-D and D-T) and their applications			
13:30-13:45	NP051 – Mattei The FOOT (FragmentatiOn Of Target) experiment	NA017 – Zümrüt Standard source preparation from cellulose matrix for the detection efficiency measurement used for the analysis of environmental samples	RM010 – Benrachi Natural radioactivity investigation in dam sediments of northeast Algeria	RM017 – Gümüş Radon concentrations in well waters on Akşehir fault zone and the relationships with seismic activity
13:45-14:00	NP036 – Elhatisari Ab initio nuclear structure and nuclear scattering	NA018 – A. Yetkin Simulation of secondary emission calorimeter for future colliders	RM007 – Bramki Concentration of natural radionuclides in soil planted with wheat and apple trees at El-Athmania farm, Mila, Algeria	NP026 – Çakmak The allowed GT half-lives for ^{117,119,121} Te isotopes by Pyatov method

14 ⁰⁰ -14 ¹⁵	NP037 – Çelik A compton suppression system for gamma-ray spectroscopy	NA019 – Yetkin Simulation results for novel gamma probe based on silicon photomultipliers	RM011 – Kocakoç Samples investigation radioactivity of Ünye Hill Yunus Emre	NP045 – Sayın Predictions of the gamma ray mass absorbion coefficients of sodium alginate
14¹⁵-14³⁰ BREAK				
14 ³⁰ -14 ⁴⁵	Chair: Dr. Ahmed AZBOUCHE	Chair: Dr. Hatice DURAN YILDIZ		RM002 – Doğan Calculations of natural radioactivity levels in soil samples from Çukurova University Campus, Turkey
	NP038 – Çelik The effect of collimation on the shape of the compton continuum and backscattering peaks	RM004 – İdriss Fadol Assessment of natural radioactivity in soil and rocks round el obied refinery, Sudan		
14 ⁴⁵ -15 ⁰⁰	NP039 – Bozkurt Monte Carlo calculation of proton stopping power and ranges in water for therapeutic energies	RM005 – Dicle Erdamar Detection of gamma irradiated medicinal herbs with EPR method	NA025 – Ünal Chronopotentiometry studies of Ni-B alloys and Ni-B/hBN composite coatings for nuclear systems	NP057 – Öztürk Calculation of the extrapolation distance for one-speed neutrons in a slab with isotropic scattering using Marshak boundary condition
15 ⁰⁰ -15 ¹⁵	NP040 – Manisa Nuclear matter symmetry energy: VMC calculations	RM019 – Dicle Erdamar THE influence of ionizing radiation on antipsychotic drug olanzapine: an EPR study	NR004 – Polvonov Isomeric yield ratios and cross section ratios of the reaction (γ,n) and ($n,2n$) on ¹⁹⁸ Hg nuclei	AP004 – Yıldız GeV energy laser vacuum system and components
15 ¹⁵ -15 ³⁰	NP043 – Bircan Neutron matter with skyrme forces	RT007 – Şeker The investigation of radiation damage for certain reactor grade-plutonium fluids in a hybrid reactor	RM016 – Karaođlan From source to sink in SE Anatolia: The detrital zircon U-Pb chronology of the Malatya Basin	NA030 – Yakut Water and paraffin as shielding material
15 ³⁰ -15 ⁴⁵	NP046 – Büyükyıldız Bronze and brass alloys as alternative radiation shielding materials	RT009 – Gabi Researches for the concept of a remote control robot development for the Candu nuclear reactor horizontal fuel channel decommissioning. Presentation, functioning and operating	NA029 – Pakma The effects of high-energy electron irradiation on the electrical characteristics of a Lead/Rhodamine-101/p-Si diode	AP003 – Porsuk RF power supply and RF transmission line at linear accelerators
15⁴⁵-16⁰⁰ BREAK				
16 ⁰⁰ - 16 ³⁰	Chair: Prof.Dr. Sefa ERTÜRK	Chair: Dr. M. Hicabi BÖLÜKDEMİR		
	IS7 Prof. Dr. Gülsen ÖNENGÜT The Latest News from CERN			
16 ³⁰ -16 ⁴⁵	NP047 – Büyükyıldız Studies of some shielding materials in terms of charged particle interaction for storage of radioactive wastage	RT001 – Öztürk Monitoring Akkuyu nuclear reactor using antineutrino flux measurement	RM001 – Yüksel Preliminary study on natural radionuclide concentrations in some soil samples	RM009 – Büyüker Natural gross radioactivity in waters in Erzin, Turkey
16 ⁴⁵ -17 ⁰⁰	NP005 – Akrawy α -decay half-lives of heavy and superheavy nuclei within coulomb proximity potential model	RT002 – Günay Three-dimensional Monte Carlo Calculation on the nuclear parameters of each isotope in some fluids	RM003 – Balcı Yeğen Measurements of radioactivity levels in soil samples from southeastern Anatolia Region, Turkey	RM018 – Ece ESR investigation of gamma irradiated turkish coffee beans
17⁰⁰-17¹⁵ BREAK				
17 ¹⁵ -17 ³⁰	Chair: Dr. Muhittin Şahan	Chair: Dr. M. Hicabi BÖLÜKDEMİR		AP007 – Özer Electron beam processing for industrial and medical applications
	NP021 – Karatepe Scattering of ¹⁷ F exotic nuclei from ⁵⁸ Ni target at 58.5 and 170 MeV	RT003 – Günay The effects on radiation damage of each isotope in structural material for a hybrid reactor		
17 ³⁰ -17 ⁴⁵	NP025 – N. Çakmak $\Delta J=2$ first forbidden β -decay transitions in even-even heavy nuclei	RT004 – Bardakçı The calculation of neutron flux using Monte Carlo method	CNP019 – Çapalı Investigation of neutron and gamma induced reaction effects on TiO ₂ and Al ₂ O ₃ coated nickel used at nuclear reactors	CNP016 – Şekerci Total cross-section calculations of neutron induced reactions for some control rod materials used in nuclear reactors
17 ⁴⁵ -18 ⁰⁰	NP020 – S. Çakmak The study of dipole and spin dipole strength distributions in Sn isotopes	RT006 – Şeker Three-dimensional Monte Carlo calculation of some nuclear parameters	CNP017 – Özdođan Radiation effects on membrane proteins of voltage gated sodium channels	CNP004 – Kaplan (γ,abs) cross-section calculations of some fusion structural materials
18 ⁰⁰ -18 ¹⁵	NP016 – Somuncu Calculation of second virial coefficient of UF ₆ using Lennard-Jones (12-6) and Morse-Morse-Spline-van der Waals potentials	RT005 – Bardakçı The investigation of convert ²³⁸⁻²⁴² Pu(n,γ) ²³⁹⁻²⁴³ Pu in a hybrid reactor	CNP007 – Yeşildağ Neutron emission calculations on ⁵⁶ Fe, ⁶³ Cu, ⁷² Ge and ⁸⁴ Kr target elements	CNP012 – Siddık Investigation of excitation functions of proton induced reactions for ^{104,105,106,108,110} Pd isotopes
18 ¹⁵ -18 ³⁰	NP015 – Somuncu Calculation of third virial coefficient of UF ₄ , UF ₅ and UF ₆ using Lennard-Jones (12-6) potential	RT011 – Bölükdemir One up to three ion sources operation on SANAEM-IEC	CNP040 – Özcan An Ab-initio Study on UAl for nuclear applications	CNP037 – Çelik Güler Calculation of cross sections ⁷ Li and ⁹ Be target nuclei used in building materials of hybrid reactors

Friday, May 12, 2017				
	Conference Hall	HALL 2	HALL 3	
09:00-09:15	Chair: Dr. Mehmet Yüksel	Chair: Dr. Tamer DOĞAN	CNP005 – Erkan Comparison of the level density models for photo-neutron reactions on Tin targets	CNP010 – Hasbolat ¹⁶⁹ Yb product cross section calculations for neutron induced reactions of stable Yb isotopes
	ES002 – Biçer A homogeneous comparison of Turkey and BRICS countries in terms of energy efficiency	RM006 – Gören Radioecological assessment of natural radioactivity in soil near a lignite-burning power plant in Turkey		
09:15-09:30	ES001 – Kaplan The overview of nuclear energy situation in the world and turkey	RM008 – Altıkulaç Analyses of natural radioactivity in Yatağan coal – fired power plant in Turkey	CNP028 – Kadem Systematic studies of CN cross sections with the optical model. Applications to the (n,α) excitation function reactions	CNP001 – Bilgin Calculation of cross sections of some elements of excitation functions with (³ He,p) reactions
09:30-09:45	ES003 – Biçer An evaluation of shale gas in terms of economics and environmental problems: a discussion paper	RM013 – Yalçın Seasonally measurement of radon activity in Bitlis region	CNP027 – Korkut Swift heavy ion irradiation of several fusion structural materials by Monte Carlo calculations	CNP009 – Dağhan (n,el) reaction cross-section calculations for some isotopes of Cd used as nuclear reactor control rod material
09:45-10:00	NP032 – Özer Solution of bohr hamiltonian with the psedo harmonic potential using nikiforov-uvarov method for X(3) critical point symmetry	RM014 – Çakal An application of LSC technique to determine ⁹⁰ Sr/ ⁹⁰ Y radionuclides in dry tea samples	CNP002 – Demirelli Double differential deuteron emission cross sections for structural fusion materials ²⁸ Si	NP061 – Şimşek Yapar Extrapolation distance in one-speed neutron transport equation using low order Legendre polynomials with Mark boundary condition
10:00-10:15	NP031 – Özer Solution of bohr hamiltonian with the psedo harmonic potential using nikiforov-uvarov method for Z(5) critical point symmetry	RM015 – Karaoğlan The initiation of the Malatya-Ovacık fault zone: evidence from apatite fission track thermochronology	CNP006 – Boydaş Calculation of photo-nuclear cross sections of Ruthenium isotopes	CNP015 – Büyüktürkmen Inelastic scattering of 14.6 MeV neutrons from ²³ Na, ²⁷ Al, ³² S, ⁵⁴ Co target nucleus
10:15-10:30	BREAK			
10:30-11:00	Chair: Prof.Dr. Emel ALĞIN	Chair: Dr. Abdullah AYDIN		
	ISS Prof. Dr. Jameel-Un NABI Gamma heating rates in stellar matter due weak rates on sd-shell nuclei			
11:00-11:15	NP011 – Büyükatana The calculation of the deformation parameter of ¹⁵⁰ Nd target and its effect of this parameter on the cross sections of (γ,2n), (n,2n), (p,2n) reactions	NR005 – Kılıç An investigation of the partial and total cross sections of the 8Li(a,n)11B reaction at astrophysically relevant energies	CNP008 – Yeşildağ Effects of level density models on (p,n) reactions in some natural metal targets	CNP026 – Sarpün Proton emission of B ₄ C composites
11:15-11:30	NP014 – Aşıcı Determination of radiative strength function by using dicebox simulation code	NR006 – Kılıç Material dependence of 2H(d,p)3H cross section at the very low energies	CNP003 – Taşdöven Photoneutron production calculations in some osmium isotopes	CNP018 – Özdoğan Production cross-section calculations of medical Tb isotopes
11:30-11:45	NP049 – Ay Nuclear level densities of ^{144,145} Nd isotopes	NA001 – Kavun Determination of dietary habits on teeth by photoactivation analysis in southern turkey	CNP024 – Sardoğan (n,xn) reaction cross-section calculations for some isotopes of uranium used as nuclear reactor fuel material	CNP013 – Çetin Excitation functions of deuteron induced nuclear reactions on natural cadmium target used for production of ¹⁰⁷ In, ¹⁰⁹ In, ¹¹¹ In, ¹¹⁴ In radionuclides
11:45-12:00	NP050 – Özgür The γ-ray strength functions of ^{144,145} Nd isotopes	NA003 – Aygör Comparison of calcium energy levels and half-lives experimentally determined by photonuclear reactions with theoretical calculations	CNP025 – Yıldız Nuclear model calculations of (n,γ) reaction cross sections for some isotopes in heavy concrete	CNP014 – Çetin The study of the comparison excitation functions for (α,x), (d,x) and (γ,x) reactions for natural titanium target
12:00-13:00	LUNCH			
13:00-13:15	Chair: Prof.Dr. Eyyup TEL	Chair: Prof.Dr. Abdullah KAPLAN	CNP030 – Alkanlı Calculation of (n,α) reaction cross-sections by using some skyrme force parameters for potassium (⁴¹ K) target nuclei	CNP034 – Yıldız Yorgun The (n,γ) cross section calculations at 2-20 MeV energy range of some structural materials used in nuclear reactors
	NP019 – Ünlü Two-neutrino double beta decay rates for some spherical nuclei	CNP031 – Kartal Excitation functions of neutron poison elements evaluated using pre-equilibrium and equilibrium models		
13:15-13:30	NP052 – Bülbül Diffusion approximation for the negative scattering parameters of Anli-Güngör phase function using U _N method	CNP035 – Korkmaz Investigation of Spherical and Cylindrical Natural Iridium Targets by Photonuclear Reaction	CNP021 – Tel Proton bombarded reactions of calcium target nuclei	CNP029 – Poyraz Particle induced nuclear reactions calculations of boron target nuclei
13:30-13:45	NP060 – Şimşek Yapar Chebyshev polynomials of the first kind for the eigenvalue spectrum of monoenergetic neutrons in a slab with anisotropic, backward and forward scattering	CNP036 – Korkmaz Study on excitation functions of neutron-induced reactions of ¹⁸¹ Ta nucleus	CNP032 – Kartal Cross section calculation of neutron poison isotopes by nuclear reaction models	RT012 – Yaz Monte carlo simulations on the performance and radioactive waste production levels of the advanced (Th, Pu)O ₂ fuel system

13: ⁴⁵ -14: ⁰⁰	NP035 – Sert Microscopic double folding model of ${}^9\text{Be}+{}^{209}\text{Bi}$	CNP033- Yıldız Yorgun (n, γ) reaction cross section calculations of some isotopes used in nuclear applications	CNP023 – Şahan Calculations of neutron-induced alpha emission double-differential cross section of flourine at 14.2 MeV	NR001 – Abdiev About interaction cross section of neutrons with nuclei of ${}^{232}\text{Th}$
14: ⁰⁰ -14: ¹⁵	NP034 – Sert Target deformation effect on reaction cross-section for ${}^6\text{He}+{}^{64}\text{Zn}$	CNP011 – Sıddık Cross section calculations of neutron-induced reactions on Palladium isotopes	NR002 – Belouadah Thermal neutron cross-section measurement for the ${}^{152}\text{Sm}(n,\gamma){}^{153}\text{Sm}$ reaction at 0.0372 eV energy	NR003 – Polvonov Investigation of the excitation of isomeric states in the reactions (γ,n) and (n,2n) on ${}^{82}\text{Se}$ and ${}^{81}\text{Br}$
14: ¹⁵ -14: ³⁰	BREAK			
14: ³⁰ -14: ⁴⁵	Chair: Dr. Ahmet BÜLBÜL NP055 – Öztürk Numerical solution for eigenvalues of the transport equation: anisotropic, backward and forward scattering in a slab	Chair: Prof.Dr. Abdullah KAPLAN NP013 – Çopuroğlu On the evaluation of heat capacity of uranium oxide	RT008 – Laassiri Neutron-gamma discrimination using non-negative tensor factorization blind source separation algorithms	AP009 – Hussein The effects of the aperture dimensions on the imaging properties of the electrostatic quadrupole doublet focusing system
14: ⁴⁵ -15: ⁰⁰	NP058 – Ege Chebyshev polynomials approximation for the eigenvalue spectrum of monoenergetic neutrons in 1-D geometry	NP012 – Çopuroğlu Alternative approximation method for the thermal conductivity of uranium nitride	RT010 – Bölükdemir Calculation of Neutron Cross Section for DD Reaction in IEC Fusion Reactor	NP048 – Hussein Investigation of excited states of ${}^{30}\text{P}$ nuclei
15: ⁰⁰ -15: ¹⁵	RM020 – Uğur New applications and developments in the neutron shielding		CNP038 – Yıldız Cross-section values (α,n) reaction for iron group elements some isotopes (Sc to Ni) in the range of 10-20 MeV	CNP039 – Özcan Level density parameter dependence in fission cross sections ${}^{232}\text{Th}$, ${}^{238}\text{U}$ and ${}^{237}\text{Np}$ nuclei induced by alphas with the incident energy up to 200 MeV
15: ³⁰ -16: ¹⁵	Closing Ceremony			