

Thursday, April 23, 2015

10 ⁰⁰ -13 ⁰⁰	Registration and Reception
13 ⁰⁰ -14 ⁰⁰	Opening Ceremonies
14 ⁰⁰ -14 ³⁰	A. Güneş TANIR “Retrospective Dosimetry: OSL and the Application: Direct Determination of Radiation Dose in Human Blood”
14 ³⁰ -15 ⁰⁰	Mustafa KESKİN “TÜBİTAK-ARDEB Ulusal Ar-Ge Destekleri”
15 ⁰⁰ -15 ¹⁵	Break
Chair: Prof.Dr. Eyyüp TEL	
01	Bahtiyar MEHMETOĞLU “Calculation of Second Virial Coefficient of UF ₆ Using Exp-6 and Lennard-Jones (12-6) Potentials”
15 ¹⁵ -15 ³⁰	Mouna BOUHELAL “Shell Model Description of the 24Na and 25Na Energy Spectra”
15 ³⁰ -15 ⁴⁵	Serkan AKKOYUN “Energy level, half-life an activity measurements from Photonuclear Reactions”
Chair: Prof.Dr. A. Güneş TANIR	
16 ⁰⁰ -16 ¹⁵	Necati ÇELİK “Effect of Temperature on Mass Attenuation Coefficient of Some Elements for the Energy Interval 81-1332 keV”
16 ¹⁵ -16 ³⁰	Fahrettin KOYUNCU “Study of the Alpha-Clustering Structure of ¹⁶ O and ²⁰ Ne”
16 ³⁰ -16 ⁴⁵	Emre ÖZER “A $\gamma=0^0$ Rigid Solution of the Bohr Hamiltonian for Davidson Potential”
16 ⁴⁵ -17 ⁰⁰	Jakub VIŠŇÁK “Quantum Algorithms for Computational Nuclear Physics”
17 ⁰⁰ -19 ⁰⁰	Dinner at Osmaniye Doga Private School

Friday, April 24, 2015

Chair: Assoc.Prof.Dr. Abdullah KAPLAN	
09 ⁰⁰ -09 ¹⁵	Hatice DURAN YILDIZ “Electron Dump and Shielding Design at Linear Accelerators”
09 ¹⁵ -09 ³⁰	Sanae El Ouahdani “Analysis of the Temperature Effect on KRITZ-2:13 Using MCNP6.1 and the Temperature-Specific Nuclear Data Libraries ENDF/BVII.1 and JENDL-4.0”
09 ³⁰ -09 ⁴⁵	Elif Ebru ERMİŞ “Mass Attenuation Coefficient Calculations of Different Detector Crystals by means of FLUKA Monte Carlo Method”
09 ⁴⁵ -10 ⁰⁰	Hatice DURAN YILDIZ “Optimized Self Amplified Spontaneous Emission Laser Parameters at Linear Accelerators”
Chair: Prof.Dr. Hakan ÖZTÜRK	
10 ⁰⁰ -10 ³⁰	İsmail BOZTOSUN “Determination of Energy Levels and Half-Life of the Gallium Nuclei by Photonuclear Reactions”
10 ³⁰ -10 ⁴⁵	Özgür Culfa “Generation of Hot Electrons in Laser Solid Interactions”
10 ⁴⁵ -11 ⁰⁰	Hatice DURAN YILDIZ “Photocathode Gun Cavity and Solenoid Design at Linear Accelerators”
11 ⁰⁰ -11 ¹⁵	Nina TUNÇEL “Investigation of Temperature Dependence of Semiconductor Detectors Used in Medicine for Radiation Measurements”
11 ¹⁵ -11 ³⁰	Break
Chair: Assoc.Prof.Dr. İsmail Hakkı SARPÜN	
11 ³⁰ -12 ⁰⁰	Arjan KONING “From Nuclear Physics-Nuclear Applications with TALYS”
12 ⁰⁰ -12 ¹⁵	Sibel AKÇA “Comparison of Semi-Empirical (a,n) Reaction Cross Sections with Nuclear Model Calculation Results”
12 ¹⁵ -12 ³⁰	Ayhan KARA “Cross Section Calculations for (n,p) Reactions of Fission Product ^{126,128,131} Xe Isotopes”
12 ³⁰ -13 ³⁰	Lunch
Chair: Prof.Dr. Hüseyin AYTEKİN	
13 ³⁰ -14 ⁰⁰	Emel ALĞIN “Seasonal correction factors for indoor radon measurements in Eskişehir, Turkey”
14 ⁰⁰ -14 ¹⁵	Murat ERDOĞDU “Determination of ²²² Rn Concentration in Drinking Water in Osmaniye, Turkey”
14 ¹⁵ -14 ³⁰	Sultan ŞAHİN BAL “Determination of Environmental Gamma Radiation in Bitlis”

14 ³⁰ -14 ⁴⁵	Tahsin ÖZER “Levels of Natural Artificial Radio Nuclides in Eatable Part of Olive in the Osmaniye and Adana”
Chair: Prof.Dr. İsmail BOZTOSUN	
14 ⁴⁵ -15 ⁰⁰	Muhammet KARATAŞLI “Radio Ecological Measurements in the Olive Seed from Osmaniye and Adana”
15 ⁰⁰ -15 ¹⁵	Seyd Mohammad GOLGOUN “Industrial Uses of Nuclear Materials”
15 ¹⁵ -15 ³⁰	Yusuf KAVUN “Parameters Affecting of AKKUYU's Safety Assessment for Severe Core Damages”
15 ³⁰ -16 ⁰⁰	Poster Session
16 ⁰⁰ -19 ³⁰	Grill Party at Dam by Osmaniye Bilim Private School

Saturday, April 25, 2015

Chair: Assoc.Prof.Dr. Bayram DEMİR	
09 ⁰⁰ -09 ¹⁵	Bilal KOVAN “Internal Radiotherapy Radionuclides”
09 ¹⁵ -09 ³⁰	Duygu TUNÇMAN “A Systematic Quality Assurance Study in Bone Densitometry Devices”
09 ³⁰ -09 ⁴⁵	Canan KÖKSAL “Comparison of Dose Distributions Calculated by the Cyberknife Monte Carlo and Ray Tracing Algorithms for Lung Tumors: A Phantom Study”
09 ⁴⁵ -10 ⁰⁰	Bilal KOVAN “Gamma Radiation Exposure of Accompanying Persons Due-Lu-177 Patients”
Chair: Assoc.Prof.Dr. Muhittin ŞAHAN	
10 ⁰⁰ -10 ¹⁵	Uğur AKBAŞ “Dosimetric Comparison of Tools Used in the Quality Assurance of Intensity Modulated Radiation Therapy: A Phantom Study”
10 ⁴⁵ -11 ⁰⁰	Burcu UÇAR “An Investigation on Some of the Tumor Treatment Cases Using X-Rays and Electron Beams”
11 ⁰⁰ -11 ¹⁵	Yusuf Ahijjo MUSA “A Model-Predict the Distribution of Radionuclide Bound-Particles in Water Sample in Dange”
11 ¹⁵ -11 ³⁰	Onur KARAMAN “Dosimetric Effects of X-Rays for Patients with Plaster that Take Radiotherapy”
11 ³⁰ -11 ⁴⁵	Break
Chair: Prof.Dr. Abdullah AYDIN	
11 ⁴⁵ -12 ⁰⁰	Fatma Aysun UĞUR “Problems in Radiation Dedection and Measurement in Nuclear Medicine”
12 ⁰⁰ -12 ¹⁵	Tahsin ÖZER “Solution of the Neutron Transport Equation with U _N Approximation in One Dimensional Slab Geometry”
12 ¹⁵ -12 ³⁰	Ahmet BÜLBÜL “Alternative Solutions of Neutron Transport Equation in Spherical Geometry and Calculations of Critical Radius”
12 ³⁰ -12 ⁴⁵	Tahsin ÖZER “Second Type Chebyshev Polynomial Approximation-Linearly Anisotropic Neutron Transport Equation in Slab Geometry”
12 ⁴⁵ -14 ⁰⁰	Lunch
Chair: Assoc.Prof.Dr. Ayhan KARA	
14 ⁰⁰ -14 ¹⁵	Ayca ŞİMŞEK YAPAR “Diffusion Approximation with Henyey-Greenstein Phase Function Using U _N Method”
14 ¹⁵ -14 ³⁰	Ökkeş EGE “Diffusion Approximation-Neutron Transport Equation with First Kind of Chebyshev Polynomials”
14 ³⁰ -14 ⁴⁵	Recai AVUR “Eigenvalue Spectrum for One-Speed Neutrons in a Time-Dependent System with Backward and Forward Scattering”
14 ⁴⁵ -15 ⁰⁰	Ülker SARAÇ “U _N Approximation for the Eigenvalue Spectrum of Time-Dependent, One-Speed and One-Dimensional Neutron Transport Problem with Anisotropic Scattering”
15 ⁰⁰	Closing Ceromony