

CEPAS 2011 Poster Contributions, Session 1, Friday, 24th June 2011

- F1.* *S. Vučić*
Electronic densities associated with atomic resonances in laser fields
- F2.* *I.L. Glukhov*
Blackbody radiation induced excitation and decay of Rydberg states in potassium
- F3.* *M. Klenivskyi, V. Kelman, Yu. Zhmenyak, Yu. Shpenik*
Luminescence of exciplex XeCl*- and XeBr*- molecules excited by an electric discharge in the Xe/CsCl/CsBr gas-vapor mixture
- F4.* *M. S. Rabasović, D. Šević, M. Terzić, B. P. Marinković*
Time resolved laser induced fluorescence measurements:
considerations when using Nd:YAG based system
- F5.* *M. S. Rabasović, D. Šević, V. Pejčev, B. P. Marinković*
Detecting indium spectral lines using electron spectroscopy and laser induced breakdown spectroscopy
- F6.* *T. Mukoyama, Y. Nagashima, K. Tőkési*
K-shell ionization of Cu by positron impact
- F7.* *Károly Tőkési*
Site selective electron capture in low energy positron and argon collisions
- F8.* *Nenad V. Delić, Jovan P. Šetrajčić, Stevan Armaković, Igor J. Šetrajčić*
Possible structure of electron and positron
- F9.* *A. Nina, V. Čadež, D. Šulić, V. Srećković*
Altitude distribution of electron concentration in the ionospheric D-region in presence of time-varying solar radiation flux
- F10.* *A. Nina, V. Čadež, D. Šulić, V. Srećković, V. Žigman*
Effective electron recombination coefficient in the ionospheric D-region during the relaxation regime following a solar flare on February 18, 2011
- F11.* *I. V. Chernyshova, J. E. Kontros, P. P. Markus, O. B. Shpenik*
Near-threshold electron-impact ionization of thymine
- F12.* *I. V. Chernyshova, J. E. Kontros, P. P. Markus, O. B. Shpenik*
Positive and negative electron-impact ionization of the cytosine molecule
- F13.* *M. M. Erdevdy, O. B. Shpenik, V. V. Zvenihorodsky*
Electron impact excitation of the gas-phase thymine molecule
- F14.* *O. B. Shpenik, M. M. Erdevdy, V. V. Zvenihorodsky*
Electron impact excitation of the gas-phase uracil molecule
- F15.* *A. V. Verkhovtsev, R. G. Polozkov, V. K. Ivanov, A. V. Korol, A. V. Solov'yov*
Calculations of the structure and photoionization processes of pristine and endofullerenes
- F16.* *I. Benkő, I. Rajta, A. Csik, J. Tóth, K. Géresi, É. Ungvári, B. Szabó, G. Sarkadi, K. Tőkési*
Major and trace elements in mouse bone measured by surface and bulk sensitive methods

- F17.* *S. Maclot, M. Capron, R. Maisonneuve, E. Lattouf, A. Ławicki, S. Bari, A. Méry, J. Rangama, J.-Y. Chesnel, A. Domaracka, J.-C. Pouilly, R. Hoekstra, T. Schlathölter, B. Manil, L. Adoui, P. Rousseau, B. A. Huber*
Influence of the environment on the fragmentation of amino acids provoked by low-energy ions
- F18.* *Sándor Kovács, Péter Herczku, Zoltán Juhász, Lajos L. Horváth, Ferenc Gáll, Béla Sulik*
A specific beamline at a 5 MV electrostatic accelerator for studying ion-biomolecule collisions in the energy region of the Bragg peak
- F19.* *A. C. Scafes, C. Ciortea, D. E. Dumitriu, A. Enulescu, D. Fluerasu, M. M. Gugiu, D. M. Pena, I. Piticu*
Radiative electron capture and K-shell vacancy production in ^{32}S , ^{35}Cl + Cu collisions at 0.5 ÷ 2.5 MeV/u energies
- F20.* *A. A Mihajlov, V. A. Srećković, Lj. M. Ignjatović*
Chemi-ionization processes in slow Neon Rydberg atom collisions with ground state parent atoms
- F21.* *M. Popović, M. Novaković, N. Bibić*
Effects of 200 keV argon ions irradiation on microstructural properties of titanium nitride films
- F22.* *O. B. Shpenik, T. Yu. Popika, R. O. Ortikova, V. M. Feyerb, Yu. V. Popikc*
Elementary processes of interaction of slow electrons with metal surfaces
- F23.* *I. Rajta, R. J. Bereczky, K. Vad, K. Tőkési*
Investigation of MeV proton microbeam transmission between two flat plates – the cases of homogeneous metallic and insulator plates
- F24.* *R. D. DuBois, K. Tőkési*
Can positrons be guided by insulating capillaries
- F25.* *D. Borka, V. Lukic, J. Timko, V. Borka Jovanović*
Identification of the types of carbon nanotubes using donut effects
- F26.* *Romuald Brzozowski, M. E. Moneta*
Correlation between thermal induced structural and magnetic transformations in Si-rich $\text{Fe}_{73}\text{Cu}_1\text{Si}_{16}\text{B}_7\text{Nb}_3$ metal alloy
- F27.* *Adam Puszkarz, Marek E. Moneta*
Role of Ta replacing Nb in finemet alloy
- F28.* *Bogdan Pawłowski, M. E. Moneta*
Depth selective PIXE for surface analysis with low energy heavy ions
- F29.* *Tomasz M. Gwizdalla, Marek E. Moneta*
Mössbauer distribution fitting by using global optimization approach
- F30.* *M. M. Milić, N. Dj. Lazarov, D. A. Cucić*
Study on the photo-induced oxygen reordering in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$
- F31.* *N. Dj. Lazarov, M. M. Milić, V. M. Matić, D.A. Cucić*
Effect of illumination on the superconducting transition temperature T_c in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$