

László Tóth

List of Publications

**(2016. 03 27.)**

## **Diploma work and Thesis**

1991

1. **Tóth László**, ProtonNe ütközésekben keltett Auger-elektronok szögeloszlásának vizsgálata, Diplomamunka Témavezető: Dr Ricz Sándor, Kossuth Lajos Tudományegyetem, ATOMKI (1991)

2008

2. **Tóth László**, Ionatom ütközésekben keltett Ar LMM és Ne KLL Auger-elektronok szögeloszlása, 95 p., PhD dolgozat, Benyújtás éve: 2008. Védés éve: 2008. Témavezető: Dr. Ricz Sándor, Debreceni Egyetem, ATOMKI (2008)

## Scientific paper

1991

1. E. Takács, L. Sarkadi, S. Ricz, B. Sulik, **L. Tóth**, Measurement of postcollision interaction effects for p on Ne collisions, *JOURNAL OF PHYSICS B ATOMIC MOLECULAR AND OPTICAL PHYSICS* 24:(16) pp. L381L386. (1991)  
IF:1.98  
Independent citations: 8 Dependent citations: 8 All citations: 16

1993

2. Závodszyk PA., Sarkadi L., Tanis JA., Berényi D., Pálinkás J., Plano V., Gulyás L., Takács E., **Tóth L.**, Projectile energy dependence of the contributions of different mechanisms to cusp electron production in  $\text{He}^+ \rightarrow \text{Ar}$  collisions, *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B BEAM INTERACTIONS WITH MATERIALS AND ATOMS* 79:(14) pp. 6770. (1993)  
IF: 1.12  
Independent citations: 10 Dependent citations: 10 All citations: 20

1994

3. Takács E., Ricz S., Végh J., Kádár I., Pálinkás J., Sulik B., **Tóth L.**, Berényi D., Kabachnik NM., Alignment of the 1s2p vacancy states of Ne doubly ionized by 7002000keV proton impact, *PHYSICAL REVIEW A* 50:(2) pp. 11971204. (1994)  
IF: 2.81  
Independent citations: 1 Dependent citations: 2 All citations: 3
4. **Tóth L.**, Víkor G., Ricz S., Pelicon P., Miller R., Study of the Ar LMM spectra by  $\text{He}^+$  projectile at 1250 keV, 1500 keV and 2000 keV bombardment energies, *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B BEAM INTERACTIONS WITH MATERIALS AND ATOMS* 86:(12) pp. 151154. (1994)  
IF: 1.12  
Independent citations: 2 Dependent citations: 4 All citations: 6

1996

5. Víkor G., Ricz S., Sulik B., **Tóth L.**, Kövér Á., Végh J., Strong projectileenergy dependence of the Augerline intensity at 0 degree due to Coulomb focusing in fast protonneon collisions *JOURNAL OF PHYSICS BATOMIC MOLECULAR AND OPTICAL PHYSICS* 29:(22) pp. L787L793. (1996)  
IF: 1.98  
Independent citations: 8 Dependent citations: 5 All citations: 13

6. Víkor G., Ricz S., Kövér Á., Sulik B., **Tóth L.**, Kádár I., Ion electron coincidence extensions for an electrostatic electron spectrometer, *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT* 381:(1) pp. 8690. (1996)  
IF: 1.22  
Independent citations: 2 Dependent citations: 7 All citations: 9

1997

7. Víkor G., Ricz S., **Tóth L.**, Sulik B., Végh J., Kövér Á., Kövér L., Angular distribution of N<sub>2</sub> KVV Auger electrons induced by 1.5 and 2 MeV protons *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION BBEAM INTERACTIONS WITH MATERIALS AND ATOMS* 124:(23) pp. 393397. (1997)  
IF: 1.12  
Independent citations: 2 Dependent citations: 0 All citations: 2
8. Víkor G., Tóth L., Ricz S., Kövér Á., Végh J., Sulik B, Transition energies and relative intensities of the Ar L<sub>2,3</sub>MM diagram Auger lines: a highresolution study *JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA* 83:(23) pp. 235245. (1997)  
IF: 1.44  
Independent citations: 9 Dependent citations: 4 All citations: 13
9. **Tóth L.**, Mező Gy., Gerlei O, Haynald Observatory Photosphere Observations 18801919, *JOURNAL FOR THE HISTORY OF ASTRONOMY* 33:(3) pp. 278279. (2002)  
IF: 0.44  
Independent citations: 2 Dependent citations: 2 All citations: 4

2003

10. **Tóth L.**, Szegedi S, Impacts of space weather on sealevel pressure over the auroral oval, *WEATHER ROYAL METEOROLOGICAL SOCIETY* 58:(6) pp. 229239. (2003)  
IF: 0.64  
Independent citations: 2 Dependent citations: 0 All citations: 2

2004

11. **Tóth L.**, Ricz S., Takács E., Sulik B., Végh J., Kádár I, Experimental study of coherence and correlation in the anisotropy of Ne KLLLL satellite Auger decay *PHYSICAL REVIEW A* 69:(6) Paper 062708. 6 p. (2004)  
IF: 2.81  
Independent citations: 2 Dependent citations: 0 All citations: 2

12. **Tóth L.**, Gerlei O, On the dynamic disconnection of rising omega loops, *SOLAR PHYSICS* 220: pp. 4359. (2004)

IF: 4.04

Independent citations: 5 Dependent citations: 0 All citations: 5

2007

13. H. Daimon., H. Matsuda., **L. Toth.**, F. Matsui, StereoPEEM for three dimensional atomic and electronic structures of microscopic materials, *SURFACE SCIENCE* 601:(20) pp. 47484753. (2007)

IF: 1.93

Independent citations: 2 Dependent citations: 9 All citations: 11

14. Hiroyuki Matsuda., Hiroshi Daimon., **László Tóth.**, Fumihiko Matsui, Approach for simultaneous measurement of twodimensional angular distribution of charged particles. III. Fine focusing of wideangle beams in multiple lens systems *PHYSICAL REVIEW E STATISTICAL, NONLINEAR AND SOFT MATTER PHYSICS* 75:(4) pp. 04640210464025. (2007)

IF: 2.29

Independent citations: 7 Dependent citations: 8 All citations: 15

2008

15. **Laszlo Toth**, Hiroyuki Matsuda, Tatsuya Shimizu, Fumihiko Matsui, Hiroshi Daimon, New Simple Photoemission Electron Microscope with an Energy Filter, *SHINKU JOURNAL OF THE VACUUM SOCIETY OF JAPAN* 51: p. 135. (2008)

IF: 0

Dependent citations: 5 Dependent citations: 0 All citations: 5

2009

16. **László Tóth**, Hiroyuki Matsuda, Hiroshi Daimon, Simple method for making deeply curved mesh, *JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA* 171:(1) pp. 6467. (2009)

IF: 1.44

Dependent citations: 5 Dependent citations: 0 All citations: 5

2011

17. Kentaro Goto, Hiroyuki Matsuda, Mie Hashimoto, Hideo Nojiri, Chikako Sakai, Fumihiko Matsui, Hiroshi Daimon, **László Tóth**, Tomohiro Matsushita, Development of DisplayType Ellipsoidal Mesh Analyzer, *E-JOURNAL OF SURFACE SCIENCE AND NANOTECHNOLOGY* 9: p. 311. (2011)

IF: 0

Independent citations: 1 Dependent citations: 4 All citations: 5

2012

18. **László Tóth**, Hiroyuki Matsuda, Fumihiko Matsui, Kentaro Goto, Hiroshi Daimon, Details of  $1\pi$  sr wide acceptance angle electrostatic lens for electron energy and twodimensional angular distribution analysis combined with real space imaging, *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT* 661:(1) pp. 98105. (2012)

IF: 1.22

Independent citations: 2 Dependent citations: 5 All citations: 7

19. Á Vas, Á Fazekas, B Lehotai, G Nagy, L Tóth, Microcontrollerbased network for meteorological sensing and weather forecast calculations, *CARPATHIAN JOURNAL OF ELECTRONIC AND COMPUTER ENGINEERING* 5: pp. 139142. (2012)

IF: 0

Dependent citations: 2 Dependent citations: 0 All citations: 2

2013

20. Ádám Fazekas, Hiroshi Daimon, Hiroyuki Matsuda, **László Tóth**, Elimination of the Background of Electron Microscope Images by Using FPGA, *ACTA CYBERNETICA SZEGED* 21:(1) p. 123. (2013)

IF: 0

Dependent citations: 1 Dependent citations: 0 All citations: 1

21. Á Vas, Á Fazekas, G Nagy, L Tóth, Distributed Sensor Network for meteorological observations and numerical weather Prediction Calculations, *CARPATHIAN JOURNAL OF ELECTRONIC AND COMPUTER ENGINEERING* 6:(1) pp. 5662. (2013)

IF.:0

Dependent citations: 1 Dependent citations: 0 All citations: 1

2014

22. Fazekas Á, **Tóth L**, Filtering Chromatic Aberration for Wide Acceptance Angle Electrostatic Lenses, *IEEE TRANSACTIONS ON IMAGE PROCESSING* 23:(7) pp. 28342841. (2014)

IF: 3.63

Independent citations: 0 Dependent citations: 0 All citations: 0

23. Hiroyuki Matsuda, **László Tóth**, Fumihiko Matsui, Hiroshi Daimon, Evaluation of disturbing effect of mesh holes in wide acceptance angle electrostatic mesh lenses, *JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA* 195: p. 78. (2014)

IF: 1.44

Independent citations: 1 Dependent citations: 0 All citations: 1

24. H Matsuda, K Goto, **L Tóth** , M Morita, S Kitagawa, F Matsui, M Hashimoto, C Sakai, T Matsushita, H Daimon, Development of displaytype ellipsoidal mesh analyzer: Computational evaluation and experimental validation, *JOURNAL OF ELECTRON SPECTROSCOPY AND RELATED PHENOMENA* 195: p. 382. (2014)  
IF: 1.44  
Independent citations: 2 Dependent citations: 0 All citations: 2
25. El Said A Nouh, Sakura N Takeda, Fumihiko Matsui, Ken Hattori, Tomohiro Sakata, Naoyuki Maejima, Hirosuke Matsui, Hiroyuki Matsuda, Tomohiro Matsushita, **László Tóth**, Makoto Morita, Satoshi Kitagawa, Ryo Ishii, Masayoshi Fujita, Kaoru Yasuda, Hiroshi Daimon, Lattice distortion of porous Si by Li absorption using twodimensional photoelectron diffraction, *JOURNAL OF MATERIALS SCIENCE* 49:(1) pp. 3542. (2014)  
IF: 2.37  
Independent citations: 0 Dependent citations: 0 All citations: 0

2015

26. Á Vas, G Nagy, **L Tóth**, Networkable Sensor Station for DSN-PC System, *Carpathian Journal of Electronic and Computer Engineering*, 8(2) pp. 34-37. (2015)  
IF: 0  
Independent citations: 0 Dependent citations: 0 All citations: 0

2016

27. Á. Fazekas, H. Daimon, H. Matsuda, **L. Tóth**, Filtering Chromatic Aberration for Wide Acceptance Angle Electrostatic Lenses II. Experimental Evaluation and Software Based Imaging Energy Analyzer *IEEE TRANSACTIONS ON IMAGE PROCESSING* 25:(3) pp. 1441-1450 (2016)  
IF: 3.63  
Independent citations: 0 Dependent citations: 0 All citations: 0

## Conference Proceeding

1992

1. Ricz S, Kádár I, Végh J, Fülöp Z, Takács E, Wakiya K, Szabó G, **Tóth L**, An exact comparison of the experimental and theoretical ECC cusp energies, In: Anon (szerk.) *Arbeitsbericht der Arbeitsgruppe: Energiereiche Atomare Stösse* . Darmstadt: [s. n.], 1992. p. 188. 13.  
Independent citations: 1 Dependent citations: 0 All citations: 1

1993

2. Plano V L, Sarkadi László, Závodszy P A, Berényi Dénes, Pálinkás József, Gulyás László, Takács Endre, **Tóth László**, Tanis J A, Cusp electron production in 75300 keV He Ar collisions *AIP CONFERENCE PROCEEDINGS* 274: pp. 307310. (1993)  
Independent citations: 1 Dependent citations: 1 All citations: 2

1999

3. Ludmány A, Baranyi T, Mező Gy, **Tóth L**, Clusters in Solar Active Regions, In: Wilson A (szerk.) *Magnetic Fields and Solar Processes: The 9th European Meeting on Solar Physics*. Konferencia helye, ideje: Florence, Olaszország, 1999.09.12 1999.09.18. Noordwijk: European Space Agency, 1999. pp. 613615. ( ESA Special Publications; 448. ) (ISBN:9290927925)  
Independent citations: 1 Dependent citations: 0 All citations: 1
4. Víkor GY, **Tóth L**, Ricz S, Anomalous behavior of isotropic Ne Augerline intensity in matching velocity region of proton projectile In: *XXIst International Conference on the Physics of Electronic and Atomic Collision (ICPEAC)*. Konferencia helye, ideje: Sendai , Japán , 1999.07.22 1999.07.27. Sendai: p. 512. Contributed Paper

2000

5. **Tóth L**, Gerlei O, Tilt Angle Variation Through the 14th Sunspot Cycle, In: Wilson A (szerk.) *The Solar Cycle and Terrestrial Climate: The First Solar and Space Weather Euroconference* . 680 p. Konferencia helye, ideje: Santa Cruz de Tenerife , Spanyolország , 2000.09.25 2000.09.29. Noordwijk: European Space Agency, pp. 439441. ( ESA Special Publications ; SP463.)
6. **Tóth L**, Szegedi S, Relationships Between Ionospheric Disturbances and Changes of Sea Level Pressure Over the Arctic, In: Wilson A (szerk.) *The Solar Cycle and Terrestrial Climate: The First Solar and Space Weather Euroconference* . 680 p. Konferencia helye, ideje: Santa Cruz de Tenerife ,



Spanyolország , 2000.09.25 2000.09.29. Noordwijk: European Space Agency, pp. 529531. ( ESA Special Publications ; SP463.)

Independent citations: 3 Dependent citations: 0 All citations: 3

2003

7. **Tóth L**, Gerlei O, On the Orientational Relaxation of Bipolar Active Regions In: E Forgács Dajka, K Petrovay, R Erdélyi (szerk.) Publications of the Astronomy Department of the Eötvös University: Nato Advanced Research Workshop Turbulence, waves, and instabilities in the solar plasma. Konferencia helye, ideje: Budapest , Magyarország , 2002.09.16 2002.09.20. Budapest: ELTE, 2003. pp. 9599. (ISBN:ISBN 963 463 557)

Independent citations: 1 Dependent citations: 0 All citations: 1

2005

8. **Tóth L**, Gerlei O, On the dynamic disconnection of rising omega loops, In: Hanslmeier A , Veronig A , Messerotti M (szerk.) Solar Magnetic Phenomena: Proceedings of the 3rd Summer School and Workshop at the Kanzelhöhe Solar Observatory. Konferencia helye, ideje: Graz , Ausztria , 2003.08.25 2003.09.05. Dordrecht: Springer, 2005. pp. 231234. ( Astrophysics and Space Science Library (ASSL); 320. ) (ISBN:9781402029615)

2011

9. **László Tóth**, Kentaro Goto, Hiroyuki Matsuda, Fumihiko Matsui, Hiroshi Daimon, New  $1\pi$  sr acceptance angle displaytype ellipsoidal mesh analyzer for electron energy and twodimensional angular distribution as well as imaging analysis, *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT* 648:(Suppl) pp. 5859. (2011) NIMA\_4th International Conference on Imaging techniques in Subatomic Physics, Astrophysics, Medicine, Biology and Industry.

Dependent citations: 5 All citations: 5

## Patent

2008

1. H. Daimon, **L. Tóth**, H. Matsuda, Energy Analyzer, 2-Dimensional Display Type Energy Analyzer, and Photoelectron Microscope, Lajstromszám: WO/2008/114684, Közzététel éve: 2008, Benyújtás helye: Japán

## In book

1. **L. Tóth**, S. Szegedi: Connection between the space weather and certain changes of sea level pressure over the Auroral oval, in the book of "Old and new Problems in Physics and Geophysics, Edited by Wilfried Schroeder (2003)
2. **L. Tóth**, Á. Vass, R. Török, G. Nagy, I. Póser, J. Végh, Preliminary Studies for Developing a Device for Ultrasound Computed Tomography based upon National Instruments PXI, National Instruments Case Study Booklet Eastern Europe, e-edition, pp.77-80 (2011)

## Database

1. L. Győri, T. Baranyi, A. Ludmány, O. Gerlei, G. Csepura, G. Mező, Debrecen Photoheliographic Data, NOAA NGDC (and **L. Tóth** as one of the observers)  
([ftp://ftp.ngdc.noaa.gov/STP/SOLAR\\_DATA/SUNSPOT\\_REGIONS/Debrecen/](ftp://ftp.ngdc.noaa.gov/STP/SOLAR_DATA/SUNSPOT_REGIONS/Debrecen/))
2. **L., Tóth**, Gy., Mező and O., Gerlei Historical Solar Image Database, NOAA NGDC,  
([ftp://ftp.ngdc.noaa.gov/STP/SOLAR\\_DATA/SUNSPOT\\_REGIONS/Debrecen/Historical\\_Solar\\_Image\\_Database/](ftp://ftp.ngdc.noaa.gov/STP/SOLAR_DATA/SUNSPOT_REGIONS/Debrecen/Historical_Solar_Image_Database/))

## Lecture, Poster

1. Takács E., Ricz S., Végh J., Sulik B., Papp T., Török I., **Tóth L.**, Berényi D., (poster) Systematic study of the anisotropy of the Ne K-Auger satellites in ion-atom collisions (ATOMKI Rep.1990/1 p.23). 4th Workshop on High-Energy Ion-Atom Collision Processes. Debrecen, Sept. 17-19, 1990 (1990)
2. Takács E., Sarkadi L., Ricz S., Sulik B., **Tóth L.**, (lecture) Measurement of post-collision interaction effects for p on Ne collisions. 2nd Debrecen-Uzhgorod-Miskolc Triangle Seminar on Atomic Collision Processes. Miskolc, Magyarország, 1991. máj. 30. (1991)
3. Takács E., Sarkadi L., Ricz S., Sulik B., **Tóth L.**, (poster) Measurement of post-collision interaction effects for p on Ne collisions. Seventeenth International Conference on the Physics of Electronic and Atomic Collisions (XVII. ICPEAC), Brisbane. Brisbane, Australia, 10-16 July, 1991 (1991)
4. Plano V. 4, Sarkadi L., Závodszy P. A., Berényi D., Pálinkás J., Gulyás L., Takács E., **Tóth L.**, Tanis J. A. (poster) Cusp electron production in 75-300 keV He<sup>+</sup> - Ar collisions. VIth International Conference on the Physics of Highly-Charged Ions. Manhattan, Kansas, USA, 28 Sept. - 2. Oct., 1992. (1992)
5. Ricz S., Kádár I., Végh J., Takács E., Fülöp Zs., Wakiya K. 4, **Tóth L.**, Sulik B., Szabó Gy., Sarkadi L., (lecture) Elektron befogás a lövedék folytonos állapotában (Azonos-e ezen elektronok sebessége a lövedékével?). (in Hung.) XI.Magyar Magfizikus Találkozó. Szeged, Magyarország. 1992. aug. 17-19. (1992)
6. Sarkadi L., Závodszy P. A., Tanis J. A. 4, Berényi D., Pálinkás J., Plano V. 4, Gulyás L., Takács E., **Tóth L.**, (poster) Projectile energy dependence of the contributions of different mechanisms in cusp electron production in He<sup>+</sup> - Ar collisions (abstr.: p.34). 12th International Conference of the Application of Accelerators in Research and Industry. Denton, Texas, USA, 2-5 Nov., 1992. (1992)
7. Sarkadi L., Závodszy P. A., Tanis J. A. 4, Berényi D., Pálinkás J., Plano V., Gulyás L., Takács E., **Tóth L.**, (lecture) Projectile energy dependence of the contributions of different mechanisms to cusp electron production in He<sup>+</sup> - Ar collisions. (Abstr.: Uzhgorod, Institute of Electron Physics, 1993, p.31). 3rd Debrecen-Uzhgorod-Miskolc Triangle Seminar on Atomic Collision Processes. Uzhgorod, Ukraine, 26 Oct., 1992. (1992)
8. Takács E., Sarkadi L., Ricz S., Sulik B., **Tóth L.**, (lecture) Valóban Lorenz alakú-e az Auger elektronok energiaeloszlása? - avagy az ütközés utáni

kölcsönhatás jelensége atomi ütközésekben. (in Hung.) Magyar Fizikus Vándorgyűlés. Szeged, Magyarország. 1992. aug. 21-23. (1992)

9. Závodszy P. A., Sarkadi L., Kuzel M. 4, Pálincás J., Gulyás L., Takács E., **Tóth L.**, Berényi D., Groeneveld K. O. 4: (invited lecture) Projectile energy dependence of the ECC electron cusp in He 0,+ on Ar collisions. (Invited paper. Abstr.: p.152). 12th International Conference of the Application of Accelerators in Research and Industry. Denton, Texas, USA, 2-5 Nov., 1992. (1992)
10. Závodszy P. A., Sarkadi L., Kuzel M. 4, Pálincás J., Gulyás L., Takács E., **Tóth L.**, Berényi D., Groeneveld K. O. 4: (lecture) Projectile energy dependence of the ECC electron cusp in He0 -> Ar collisions. (Abstr.: Uzhgorod, Institute of Electron Physics, 1992, p.27). 3rd Debrecen-Uzhgorod-Miskolc Triangle Seminar on Atomic Collision Processes. Uzhgorod, Ukraine, 26 Oct., 1992. (1992)
11. Závodszy P. A., Sarkadi L., Tanis J. A. 4, Pálincás J., Plano V. 4, Berényi D., Gulyás L., Takács E., **Tóth L.**, (lecture) Transzfer ionizáció He+ - Ar ütközésekben. (in Hung.) Magyar Fizikus Vándorgyűlés. Szeged, Magyarország. 1992. aug. 21-23. (1992)
12. Ricz S., Takács E., Kádár I., Végh J., **Tóth L.**, Sulik B., Berényi D., (poster) Angular dependence of the PCI effect in proton-neon-collisions (Abstr. of Contributed Papers p.522). XVIIIth International Conference on the Physics of Electronic and Atomic Collisions. Aarhus, Denmark, 21-27 July, 1993. (1993)
13. Takács E., Ricz S., Végh J., Kádár I., Pálincás J., Sulik B., **Tóth L.**, Berényi D., (poster) The role of the shake-off ionization process in the alignment of the 1s2p double vacancy states of Ne at high proton impact energies (Abstr. pp.164-165). X'93 Sixteenth International Conference on X-Ray and Inner-Shell Processes. Debrecen, Hungary, 12-16 July, 1993. (1993)
14. **Tóth L.**, Víkor Gy., Ricz S., Pelicon P. 4, Miller R. 4: (poster) Study of the Ar LMM spectra by He+ projectile at 1250, 1500 and 2000 keV bombarding energies (Abstr. p.25). 5th Workshop on Fast Ion-Atom Collisions. Debrecen, Hungary, July 17-19, 1993. (1993)
15. Víkor Gy., **Tóth L.**, Ricz S., Kövér Á., Végh J., (poster) Extensions for the ESA-21 electron spectrometer (Contributed Papers, Beograd, Institute of Physics p.59). 17th Summer School and International Symposium on the Physics of Ionized Gases. Beograd, Yugoslavia, Aug.29 - Sept.1. (1994)
16. Víkor Gy., **Tóth L.**, Ricz S., Pelicon P. 4, Sulik B., Végh J., Kövér Á., (poster) Measurements of angular dependence of post collision interaction in ion-atom collisions at medium energies (poster) (Energierreiche Atomare

Stösse EAS-15, 15.Arbeitsbericht Darmstadt, GSI, 1994 p.29). Energiereiche Atomare Stösse, EAS-15. Kassel, Germany, 27.Jan.,1994. (1994)

17. Víkor Gy., **Tóth L.**, Ricz S., Kövér Á., Végh J., (poster) Coincidence study of Ne KLL Auger at the 1.5MeV proton bombardment (IWASES III, Book of Abstracts P44). Third International Workshop on Auger Spectroscopy and Electronic Structure IWASES III. Liverpool, United Kingdom, 4-8 Sept, 1994. (1994)
18. Pelicon P. 4, Ricz S., **Tóth L.**, Víkor Gy., (poster) Screening of the post-collision interaction in the ion-atom collision (Abstr.:Contributed Papers, Part II. Edited by R.C.Tompson, Vol.19A p.552). 5th EPS Conference on Atomic and Molecular Physics (ECAMP5). Edinburgh, U.K.,3-7 April,1995. (1995)
19. Ricz S., Víkor Gy., **Tóth L.**, Kövér Á., Sulik B., Végh J., (lecture) Molecular orientation in 2 MeV proton - N<sub>2</sub> collisions (Abstr.:p.388). XIX ICPEAC - Nineteenth International Conference on the Physics of Electronic and Atomic Collisions. Whistler, British Columbia, Canada, 26 July - 1 Aug., 1995. (1995)
20. Víkor Gy., Ricz S., **Tóth L.**, Kövér Á., Végh J., (poster) The ratio of the Ne<sup>+</sup> and Ne<sup>2+</sup> Remnant ions in coincidence with the inelastically scattered electrons (Abstr.p.464). XIX ICPEAC - Nineteenth International Conference on the Physics of Electronic and Atomic Collisions. Whistler, British Columbia, Canada, 26 July - 1 Aug., 1995. (1995)
21. **Tóth L.**, Ricz S., Takács E., Sulik B., Végh J., Kádár I., (poster) Study of Ne KLL satellite Auger spectra ionized by 700-2000 keV proton impact (Abstr.: p.47). 6th Workshop on Fast Ion-Atom Collisions. Debrecen, Hungary, 4-6 Sept., 1996 (1996)
22. Víkor Gy., Ricz S., Sulik B., Kövér Á., **Tóth L.**, Végh J., Paripás B., (poster) The Auger-line intensity enhancement due to the fast ion-atom post-collision interaction (Abstr.: p.24). 6th Workshop on Fast Ion-Atom Collisions. Debrecen, Hungary, 4-6 Sept., 1996 (1996)
23. Víkor Gy., Ricz S., **Tóth L.**, Sulik B., Végh J., Kövér Á., (poster) Angular distribution of KVV Auger-line intensities from N<sub>2</sub> molecules induced by 1.5 and 2 MeV protons (Abstr.: p.48). 6th Workshop on Fast Ion-Atom Collisions. Debrecen, Hungary, 4-6 Sept., 1996 (1996)
24. Sulik B., Kövér Á., Ricz S., Víkor Gy., **Tóth L.**, (poster) Berényi D., The contribution of the electron loss process to the continuous electron spectra from 100 keV/u Cq<sup>+</sup>, Nq<sup>+</sup>, + He collisions at electron emission angles from degree to 180 degree. 20th International Conference on the Physics of Electronic and Atomic Collisions. Vienna, Austria, 23-29 July, 1997 (1997)

25. Víkor Gy., Ricz S., Sulik B., **Tóth L.**, Kövér Á.,(poster) Post-collision interaction at the beam direction measured with different acceptance angle of the electron spectrometer (Abstr. TH 131). 20th International Conference on the Physics of Electronic and Atomic Collisions. Vienna, Austria, 23-29 July, 1997 (1997)
26. Víkor Gy., **Tóth L.**, Ricz S., (poster) Anomalous behavior of isotropic Ne Auger-line intensity in matching velocity region of proton projectile (Abstracts of contributed papers, Vol. 2, 1999, p. 512). 21st International Conference on the Physics of Electronic and Atomic Collisions. Sendai, Japan, 22-27 July, 1999 (1999)
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