

PUBLICATIONS 2006

Scientific articles

„Philadelphian” publications

Physical Review Letters, 24 pkt.

1. J. Szlachetko, R. Barrett, M. Berset, J.-Cl. Dousse, K. Fennane, J. Hoszowska, A. Kubala-Kukus, M. Pajek, and M. Szlachetko,
High-resolution study of x-ray resonant Raman scattering at the K-edge of silicon,
Physical Review Letters 97 (2006) 073001
2. S. Tashenov, Th. Stöhlker, D. Banaś, K. Beckert, P. Beller, H. F. Beyer, F. Bosch, S. Fritzsche, A. Gumberidze, S. Hagmann, C. Kozhuharov, T. Krings, D. Liesen, F. Nolden, D. Protic, D. Sierpowski, U. Spillmann, M. Steck, and A. Surzhykov,
First measurement of the linear polarization of radiative electron capture transitions,
Physical Review Letters 97 (2006) 223202

Physical Review A, 24 pkt.

3. M. Pajek, D. Banaś, J. Braziewicz, M. Czarnota, A. Bieńkowski, M. Jaskóła, A. Korman, D. Trautmann, G. Lapicki, and T. Mukoyama,
M-shell ionization of heavy elements by 0.1-1.0 MeV/amu $^1,2\text{H}$ and $^3,4\text{He}$ ions,
Physical Review A 73 (2006) 012709
4. J. Rzadkiewicz, Th. Stöhlker, D. Banaś, H. F. Beyer, F. Bosch, C. Brandau, C. Z. Dong, S. Fritzsche, A. Gojska, A. Gumberidze, S. Hagmann, D. C. Ionescu, C. Kozhuharov, T. Nandi, R. Reuschl, D. Sierpowski, U. Spillmann, A. Surzhykov, S. Tashenov, M. Trassinelli, and S. Trotsenko
Selective population of the $[1s2s]^1S_0$ and $[1s2s]^3S_1$ states of He-like uranium,
Physical Review A 74 (2006) 012511

Physical Review C, 24 pkt.

5. A. Kisiel, W. Florkowski, W. Broniowski, and J. Pluta,
Femtoscopia in hydrodynamics-inspired models with resonances,
Physical Review C 73 (2006) 064902
6. St. Mrówczyński,
Correlation of transverse momentum and multiplicity in a superposition model of nucleus--nucleus collisions,
Physical Review C 73 (2006) 044907
7. C. Alt et al. [NA49 Collaboration],
Upper limit of D^0 production in central Pb Pb collisions at 158-A-GeV,
Physical Review C 73 (2006) 034910

8. C. Alt et al. [NA49 Collaboration],
Energy and centrality dependence of \bar{p} and p production and the $\bar{\Lambda}/\bar{p}$ in Pb+Pb collisions between 20/A-GeV and 158/A-GeV,
Physical Review C 73 (2006) 044910
9. M. Chojnacki and W. Florkowski,
Characteristic form of boost-invariant and cylindrically asymmetric hydrodynamic equations,
Physical Review C 74 (2006) 034905
10. F. Becattini, J. Manninen, and M. Gazdzicki
Energy and system size dependence of chemical freeze-out in relativistic nuclear collisions,
Physical Review C 73 (2006) 044905

Physical Review D, 24 pkt.

11. Enrique Ruiz Arriola, Wojciech Broniowski,
Dimension-two gluon condensate from large N_c Regge models,
Physical Review D 73 (2006) 097502
12. C. Manuel and St. Mrówczyński,
Chromo-hydrodynamic approach to the unstable quark-gluon plasma,
Physical Review D 74 (2006) 105003
13. A. E. Dorokhov, W. Broniowski, and E. Ruiz Arriola,
Photon distribution amplitudes and light-cone wave functions in chiral quark models,
Physical Review D 74 (2006) 054023
14. Enrique Ruiz Arriola, Wojciech Broniowski,
Pion transition form factor and distribution amplitudes in large N_c Regge model,
Physical Review D 74 (2006) 034008

Physics Letters B, 24 pkt.

15. W. Broniowski, B. Hiller, W. Florkowski, and P. Bozek,
Event-by-event pT fluctuations and multiparticle clusters in relativistic heavy-ion collisions,
Physics Letters B 635 (2006) 290-294
16. Marek Gazdzicki and Mark Gorenstein,
Transparency, mixing and reflection of initial flows in relativistic nuclear collisions,
Physics Letters B 640 (2006) 155-161

Physica A, 20 pkt.

17. K. Dworecki,
Experimental investigation of the anomalous subdiffusion in a membrane system,
Physica A 359 (2006) 24

Computer Physics Communications, 24 pkt.

18. A. Kisiel, T. Taluc, W. Broniowski, W. Florkowski,
THERMINATOR: Thermal Heavy-Ion Generator,
Computer Physics Communications 174 (2006) 669-687

Nuclear Physics A, 20 pkt.

19. C. Hohne et al. [NA49 Collaboration],
Results from NA49,
Nuclear Physics A 774 (2006) 35
20. St. Mrówczyński,
Instabilities driven equilibration at the early stage of nuclear collisions,
Proceedings of the 18th International Conference on Ultra-Relativistic
Nucleus-Nucleus Collisions, *QUARK MATTER 2005*, Budapest, Hungary,
4-9 August 2005, edited by T. Csorgo, G. David, P. Levai and G. Papp,
Nuclear Physics A 774 (2006) 149
21. W. Florkowski,
Particle spectra and hydro-inspired models,
Proceedings of the 18th International Conference on Ultra-Relativistic
Nucleus-Nucleus Collisions, *QUARK MATTER 2005*, Budapest, Hungary,
4-9 August 2005, edited by T. Csorgo, G. David, P. Levai and G. Papp,
Nuclear Physics A 774 (2006) 179
22. C. Alt et al. [NA49 Collaboration],
*High $p(T)$ spectra of identified particles produced in Pb+Pb collisions
at 158-GeV/nucleon beam energy*,
Nuclear Physics A 774 (2006) 473
23. C. Alt et al. [NA49 Collaboration],
Elliptic flow of Λ hyperons in Pb+Pb collisions at 158-AGeV,
Nuclear Physics A 774 (2006) 499

Nuclear Physics B (Proceedings Supplements) 15 pkt.

24. M.Rybczynski, Z.Wlodarczyk, G.Wilk,
Strangelets in cosmic rays,
Nuclear Physics B (Proceedings Supplements) 151 (2006) 341
25. M.Rybczynski, Z.Wlodarczyk, O.V.Utyuzh, G.Wilk,
Multiplicity fluctuations in high energy hadronic and nuclear collisions,
Nuclear Physics B (Proceedings Supplements) 151 (2006) 363

Nuclear Instruments and Methods, 24 pkt.

26. P. Verma, P.H. Mokler, A. Bräuning-Demian, H. Bräuning, D. Banaś, F. Bosch, S.
Hagmann, C. Kozhuharov, A. Orsic-Muthig, M. Schöffler, D. Sierpowski, U. Spillmann, Z.
Stachura, Th. Stöhlker, S. Tashenov, S. Toleikis, and M.A. Wahab,

Probing superheavy quasimolecular collisions with incoming inner shell vacancies,
Nuclear Instruments and Methods in Physics Research B 245 (2006) 56-60

27. S. Chatterjee, H.F. Beyer, D. Liesen, Th. Stöhlker, A. Gumberidze, Chr. Kozhuharov, D. Banas, D. Protic, K. Beckert, P. Beller et al.,
The FOCAL Spectrometer for Accurate X-Ray Spectroscopy of Fast Heavy Ions,
Nuclear Instruments and Methods in Physics Research B 245, (2006) 67-71

X-Ray Spectrometry, 20 pkt.

28. U. Majewska, D. Banaś, J. Braziewicz, A. Kubala-Kukuś, M. Pajek, J. Wudarczyk,
Improvement of a TXRF set-up to obtain detection limit in the low ppb range,
X-Ray Spectrometry 35 (2006) 323-328

Journal of Physics G, 20 pkt.

29. M. K. Mitrovski et al. [NA49 Collaboration],
Strangeness production at SPS energies,
Journal of Physics Physics G 32 (2006) S43

30. T. Schuster et al. [NA49 Collaboration],
*High $p(T)$ spectra of identified particles produced in Pb+Pb collisions
at 158-A-GeV beam energy,*
Journal of Physics Physics G 32 (2006) S479

31. V.V. Begun, L. Ferroni, M.I. Gorenstein, M. Gazdzicki, and F. Becattini,
Threshold effects in relativistic gases,
Journal of Physics Physics G 32 (2006) 1003-1020

Journal of Chemical Physics G, 24 pkt.

32. Ojekull, P. U. Andersson, M. B. Nagard, J. B. C. Pettersson, A. Neau, S. Rosen, R. D. Thomas, M. Larsson, J. Semaniak, F. Osterdahl, H. Danared, A. Kallberg M af Ugglas,
*Threshold effects in relativistic gases dissociative recombination of ammonia clusters
studied by storage ring experiments,*
Journal of Chemical Physics 125 (2006) 194306

AIP Conference Proceedings, 4 pkt.

33. O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
Bose-Einstein correlations from „within”,
Multiparticle Dynamics (XXXV International Symposium on Multiparticle Dynamics,
Kromeriz, 9-15 August 2005, Eds.: V.Simak et al.)
AIP Conference Proceedings 828 (2006) 75-80

34. P.Christakoglou, A.Petridis, M.Vassiliou et al. [NA49 Collaboration]
*Energy and rapidity dependence of the electric charge correlations at 20-158 GeV beam
energies at CERN SPS (NA49),*

Multiparticle Dynamics (XXXV International Symposium on Multiparticle Dynamics, Kromeriz, 9-15 August 2005, Eds.: V.Simak et al.)
AIP Conference Proceedings 828 (2006) 107-112

35. B.Lungwitz et al. [NA49 Collaboration]
NA49 results on hadron production: indications of the onset of deconfinement?
Multiparticle Dynamics (XXXV International Symposium on Multiparticle Dynamics, Kromeriz, 9-15 August 2005, Eds.: V.Simak et al.)
AIP Conference Proceedings 828 (2006) 321-326

36. S.Knige et al. [NA49 Collaboration]
Rapidity dependence of Bose-Einstein correlations at SPS energies,
Multiparticle Dynamics (XXXV International Symposium on Multiparticle Dynamics, Kromeriz, 9-15 August 2005, Eds.: V.Simak et al.)
AIP Conference Proceedings 828 (2006) 473-478

37. P. Flin, H. Duerbeck,
Silberstein, General Relativity and Cosmology,
Albert Einstein Century International Conference
AIP Conference Proceedings 861 (2006) 1087

Astronomy and Astrophysics, 24 pkt.

38. P. Flin, J. Krywult,
Substructures in Abell clusters of galaxies,
Astronomy and Astrophysics 450 (2006) 9-14

Desalination, 20 pkt.

39. K.Dworecki, A.Ślęzak, M.Drabik, B.Ornal-Wąsik, S.Wąsik,
Determination of the membrane permeability coefficient under concentration polarisation conditions,
Desalination 198 (2006) 326

Acta Astronomica, 24 pkt.

40. P. Kankiewicz and I. Włodarczyk
Stability of the Most Hazardous Mars-Crossers
Acta Astronomica 56 (2006) 4

Astrophysical Space and Science, 10 pkt.

41. E.Panko, P. Flin. A. Pikhun,
Period Change of CU Pegasi,
Astrophysical Space and Science 305 (2006) 385

Acta Physica Polonica, 15 pkt.

42. St. Mrówczyński,
Instabilities driven equilibration of the quark-gluon plasma,
Acta Physica Polonica B 37 (2006) 427
43. T. Kosztołowicz, K.D. Lewandowska,
Time evolution of the reaction front in the system with one static and one subdiffusive reactant,
Acta Physica Polonica B 37 (2006) 1571-1578
44. W. Florkowski, W. Broniowski, A. Kisiel, and J. Pluta,
Pion correlation functions in hydro-inspired models with resonances,
Proceedings of the XLVI Cracow School of Theoretical Physics, Zakopane, Poland, 27 May – 5 June, 2006,
Acta Physica Polonica B 37 (2006) 3381

Acta Physica Hungarica, 10 pkt.

45. O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
Multiparticle production processes from the Information Theory point of view,
Acta Physica Hungarica (Heavy Ion Physics) A 25 (2006) 65
46. O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
Quantum Clan Model description of Bose-Einstein Correlations,
Acta Physica Hungarica (Heavy Ion Physics) A 25 (2006) 83

Acta Physiologiae Plantarum, 10 pkt.

47. M. Kargol, G. Suchanek, M. Przystalski, and A. Kargol,
Investigations into biophysical regulation mechanisms of physiological water exchange of the Nitella translucens cells with the surroundings,
Acta Physiologiae Plantarum 28 (2006) 13-19

Gen. Physiology and Biophysics, 10 pkt.

48. G. Suchanek,
Mechanistic Equations for Multicomponent Solutions,
Gen. Physiology and Biophysics 25 (2006) 53-63

Brazilian Journal of Physics, 10 pkt.

49. M. Czarnota, M. Pajek, D. Banaś, J.-Cl. Dousse, M. Berset, O. Mauron, Y.-P. Maillard, P. A. Raboud, D. Chmielewska, J. Rządkiwicz, Z. Sujkowski, J. Hoszowska, M. Polasik and K. Słabkowska,
Multiple ionization effects in x-ray emission induced by heavy ions,
Brazilian Journal of Physics 36 (2006) 546

The European Physical Journal B, 20 pkt.

50. T.Osada, O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
Extended Gaussian ensemble or q-statistics in hadronic production processes?
The European Physical Journal B 50 (2006) 7

The European Physical Journal C, 20 pkt.

51. C. Alt et al. [NA49 Collaboration],
*Inclusive production of charged pions in p p collisions at 158-GeV/c
beam momentum,*
The European Physical Journal C 45 (2006) 343

Faraday Discussions, 24 pkt.

52. W. D. Geppert, M. Hamberg, R. D. Thomas, F. Österdahl, F. Hellberg, V. Zhaunerchyk, A. Ehlerding, T. J. Millar, H. Roberts, J. Semaniak, M. af Ugglas, A. Källberg, A. Simonsson, M. Kaminska and M. Larsson,
Dissociative recombination of protonated methanol,
Faraday Discussions **133** (2006) 177 – 190

Other publications

International

53. St. Mrówczyński,
Whitening of the Quark-Gluon Plasma,
Proceedings of the 5th International Conference on Physics and Astrophysics
of Quark Gluon Plasma, Salt Lake City, Kolkata, India, 8-12 February 2005,
Journal of Physics, Conference Series 50 (2006) 422
54. W. D. Geppert, F. Hellberg, F. Österdahl, J. Semaniak, T. J. Millar, H. Roberts, R. D.Thomas, M. Hamberg, M. af Ugglas, A. Ehlerding, V. Zhaunerchyk, M. Kamińska, and M. Larsson,
Dissociative recombination of $CD_3OD_2^+$,
Proceedings of the International Astronomical Union 1 (2006) 117-124, Cambridge
University Press
55. N. Rahman, J. Krywult, P. M. Motl, P. Flin, S. F. Shandarin,
Morphology and evolution of simulated and optical clusters: a comparative analysis,
MNRAS, vol. 367, Issue 2, pp. 838-850
56. M. Biernacka, P. Flin, J. Krywult,
*The application of the Faint Object Classification and Analysis System (FOCAS) and Source
Extractor (SExtractor) packages to the Digitized Sky Survey,*
Astronomical and Astrophysical Transactions 25 (2006) 75-94
57. E. Panko, P. Flin,

A new galaxy Supercluster?
Astronomical and Astrophysical Transactions 25 (2006) 1

58. E. Panko, P. Flin
A new catalogue of galaxy clusters,
Proc. Marseille Conf: Fabulous Destiny of Galaxies. Bridging Past and Present (ed. V. Le Brun, A. Mazure, S. Arnouts, D. Burgarella),
Frontier Group, Paris, p. 551
59. P. Flin, W. Godłowski, K. Bajan,
Some properties of a new unbiased sample of galaxies
Proc. Marseille Conf : Fabulous Destiny of Galaxies. Bridging Past and Present (ed. V. Le Brun, A. Mazure, S. Arnouts, D. Burgarella),
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60. E. Panko, P. Flin,
A Catalogue of Galaxy Clusters and Groups Based on the Muenster Red Sky Survey, 2006,
Jour. Astr. Data 12, 1
61. E. Panko, P. Flin,
On the mean density of galaxies and structure identification.
Odessa Astr. Publ. 18 (2006) 81
62. E.Gladysz-Dziadus, Z.Wlodarczyk,
Black Holes versus Strange Quark Matter,
In: Trends in Black Hole Research (Editor: Paul V.Kreitler),
Nova Science Publishers, Inc., New York (2006) pp. 163-180
63. O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
New proposal of numerical modeling of Bose-Einstein correlations: Bose-Einstein correlations from „within”,
International Conference „New Trends in High-Energy Physics (experiment, phenomenology, theory)”, Yalta, 10-17 August 2005,
Nuclear Science and Safety in Europe, pp.175-187, Eds.: T.Cechak et al., Springer (2006)
64. O.V.Utyuzh, G.Wilk, Z.Wlodarczyk,
Numerical modeling of quantum statistics in high-energy physics,
Proceedings of VI International Symposium „Frontiers of Fundamental and Computational Physics”, 26-29 September 2004, Udine, Italy
Frontiers of Physics, eds.: B.G.Sidharth, F.Honsell, A de Angelis,
Springer (2006), pp. 247-254
65. I. Pardyka.
Panoramic image sequence compression method.
In Visualization, Imaging, and Image Processing (VIIP 2006), ACTA Press, pp. 282–286,
Mallorca, Spain, 2006

66. I. Pardyka and M. Ziółko
Mosaic based compression of panoramic image sequence.
In ELMAR-2006, pp. 57–60, Zadar, Croatia, 2006
67. M. Szpyrka,
Practical aspects of development of embedded systems with RTCP-nets and ADDER Tools,
Proc. of Mixdes 2006, the 13th International Conference Mixed Design of Integrated
Circuits and Systems, IEEE, 2006, pp. 722—727
68. Kankiewicz, P i inni. (raport z obserwacji) OBSERVATIONS OF COMETS, Minor Planets
Electronic Circular MPEC 2006-N36
69. Kankiewicz, P. i inni (raport z obserwacji) OBSERVATIONS OF COMETS, Minor Planets
Electronic Circular MPEC 2006-S99

Domestic

1. Glowacki M., Hojny M., *Development of a computer system for high temperature steel deformation testing procedure, Simulation, Design and Control of Foundry Processes,* eds. W. Byrski, S. Kluska-Nawarecka, H. Połcik, R. Tadeusiewicz, AGH Kraków 2006, 145 – 156
2. T. Kosztołowicz, K.D. Lewandowska, Subdiffusion parameter measured in the tooth enamel, Proc. XII Natl. Conf. Appl. Math. Biol. Med., Koninki, 26-29 September 2006, 77-81
3. G. J. Nalepa, P. Zięcik, Integrated embedded Prolog platform for rule-based control systems, MIXDES 2006: MIXed DESign of integrated circuits and systems : proceedings of the international conference : Gdynia, Poland 22–24 June 2006 / ed. Andrzej Napieralski, Łódź : Technical University Lodz. Department of Microelectronics and Computer Science, 2006, S. 716–721
4. Małgorzata Wysocka–Kunisz, *Kształcenie przyszłego nauczyciela fizyki – standardy i praktyka,* Wydawnictwo AŚ, Kielce 2006
5. I. Pardyka.
Homography-based panoramic image sequence compression method. In ICSES'06, pp. 293–296, Łódź, Poland, 2006

PARTICIPATION IN CONFERENCES

Invited lectures

International

1. St. Mrówczyński,
Towards Reliable Calculations of Two-Particle Correlation Functions,
XIth International Workshop on Correlation and Fluctuation in Multiparticle Production,
Hangzhou, China, November 21-24, 2006
2. St. Mrówczyński,
Chromo-hydrodynamics of the Quark-Gluon Plasma,
19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions,
QUARK MATTER 2006, Shanghai, China, November 14-20, 2006
3. St. Mrówczyński,
Instabilities Driven Equilibration of the Quark-Gluon Plasma,
INT Workshop on Non-Equilibrium Quark-Gluon Plasma,
Seattle, USA, September 25-29, 2006
4. St. Mrówczyński,
Instabilities Driven Equilibration of the Quark-Gluon Plasma,
3-rd International Workshop "The Critical Point and Onset of Deconfinement",
Florence, Italy, July 3-6, 2006
5. St. Mrówczyński,
Instabilities Driven Equilibration of the Quark-Gluon Plasma,
IVth International Conference on Quarks and Nuclear Physics,
Madrid, Spain, June 5-10, 2006
6. St. Mrówczyński,
Chromo-hydrodynamics of the Quark-Gluon Plasma,
International Conference on Strong & Electroweak Matter 2006,
Brookhaven National Laboratory, Upton, New York, USA, May 10-13, 2006
7. M. Gaździcki,
Energy dependence of Strangeness Production and Onset of Deconfinement,
BNL Workshop "Strangeness in Collisions", BNL, February 16-17, 2006.
8. M. Gaździcki,
Prospects of the new ion program at the CERN SPS,
BNL Workshop "Can we discover the QCD critical point at RHIC",
BNL, March 9-10, 2006.
9. M. Gaździcki,
A new SPS programme,
CP&OoD workshop, Florence, Italy, July 3-9, 2006.
10. M. Gaździcki,
Dubna group in NA49,
Joint Committee for CERN-JINR Scientific Cooperation, CERN, Geneva, October 25, 2006.

11. W. Florkowski,
pT fluctuations and multiparticle clusters in heavy-ion collisions
XXXVI International Symposium on Multiparticle Dynamics
2-8.09.2006, Paraty, Rio de Janeiro, Brazil
12. P. Flin,
On the orientation of galaxy clusters
Cosmic Stories: Bernard's Journey Across the Universe, Valencja, Hiszpania
13. P. Flin,
The ellipticity of galaxy structures
Selected Issues of Astronomy and Astrophysics,
Fourth Scientific Conference in honor of Bohdan Babyi, Lwów, Ukraina

Domestic

14. M. Gaździcki, NA49-future,
Workshop on Heavy Ion Collisions,
Wroclaw, Poland, October 17, 2006.

Communicates

International

1. M. Trassinelli, D. Banaś, P. Jagodziński, M. Pajek, U. Spillmann and Th. Stöhlker
Measurement of the Lamb shift of $n=2$ excited states in helium-like uranium using crystal spectroscopy methods
38th Europhysics conference of European Group on Atomic Systems 7th - 10th June 2006 -
Island of Ischia (Naples)
2. M. Trassinelli, D. Attia, D. Banas, F. Bosch, C. Brandau, K. Beckert, P. Beller, S. Chatterjee, Th. Krings, E. Förster, B. Franzke, A. Gumberidze, S. Hagmann, J. Hozowska, P. Indelicato, H.-J. Kluge, Ch. Kozhuharov, E.-O. Le Bigot, D. Liesen, X. Ma, B. Manil, I. Mohos, F. Nolden, U. Popp, D. Protic, R. Reuschl, D. Sierpowski, A. Simionovici, U. Spillmann, Z. Stachura, M. Steck, Th. Stöhlker, S. Tashenov, S. Trotsenko, A. Warczak, O. Wehrhan, E. Ziegler, H.F. Beyer
Measurement of the Lamb shift in hydrogen-like lead using crystal spectroscopy methods
38th Europhysics conference of European Group on Atomic Systems 7th - 10th June 2006 -
Island of Ischia (Naples)
3. M. Trassinelli, D. Banaś, P. Jagodziński, M. Pajek, U. Spillmann, Th. Stöhlker,
High accuracy crystal spectroscopy of the $n = 2$ energy level of helium-like uranium
International Workshop on Precision Physics of Simple Atomic Systems (PSAS 2006)
Venice International University, June 12-16, 2006
4. A. Gumberidze, Th. Stöhlker, D. Banaś, H. F. Beyer, F. Bosch, X. Cai, S. Hagmann, C. Kozhuharov, D. Liesen, X. Ma, P. H. Molker, D. Sierpowski, M. Steck, S. Tashenov, A. Warczak, Y. Zou

Precision tests of QED in strong fields: experiments on hydrogen- and helium-like uranium
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006

5. M. Pajek, D. Banaś, M. Czarnota, Th. Stöhlker, H. F. Beyer, F. Bosch, C. Brandau, S. Chatterjee, A. Gumberidze, S. Hagmann, C. Kozhuharov, D. Liesen, P. H. Mokler, R. Reuschl, U. Spillmann, S. Tachenov, S. Trotsenko, P. Verma, D. Sierpowski, A. Warczak, S. Böhm, A. Müller, E. W. Schmidt, J.-Cl. Dousse, J. Szlachetko
Angular distributions of X-rays from recombination of bare uranium ions with low-energy electrons
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006
6. M. Nofal, S. Hagmann, Th. Stöhlker, C. Kozhuharov, X. Wang, A. Gumberidze, U. Spillmann, R. Reuschl, S. Hess, S. Trotsenko, D. Banaś, F. Bosch, D. Liesen, D. Jakubassa, R. Moshhammer, J. Ullrich, R. Dörner, M. Steck, P. Beller, K. Beckert, B. Franczak
Radiative electron capture to continuum in 90 AMeV $U^{88+} + N_2$: the short wavelength limit of electron nucleus bremsstrahlung
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006
7. S. Trotsenko, Th. Stöhlker, D. Banaś, C. Z. Dong, S. Fritzsche, A. Gumberidze, S. Hagmann, S. Hess, P. Indelicato, C. Kozhuharov, M. Nofal, R. Reuschl, J. Rzakiewicz, U. Spillmann, A. Surzhykov
State selective formation of excited L-shell levels in Li-like uranium
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006
8. G. Weber, Th. Stöhlker, A. Gumberidze, R. Reuschl, S. Hess, U. Spillmann, S. Trotsenko, S. Hagmann, M. Nofal, M. Trassinelli, C. Kozhuharov, D. Banaś
Radiative processes studied for bare uranium ions in collisions with H_2
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006
9. M. Czarnota, D. Banaś, M. Pajek, J.-Cl. Dousse, Y.-P. Maillard, O. Mauron, M. Berset, P. A. Raboud, D. Chmielewska, J. Rzakiewicz, Z. Sujkowski, M. Polasik, K. Słabkowska, J. Hoszowska
Vacancy rearrangement processes in multiply ionized atoms
The Thirteenth International Conference on the Physics of Highly Charged Ions, Queen's University Belfast, Northern Ireland, UK 28th August - 1st September 2006
10. R. Reuschl, D. Banaś, H. F. Beyer, S. Chatterjee, A. Gumberidze, S. Hess, T. Krings, D. Liesen, D. Protic, U. Spillmann, Th. Stöhlker, M. Trassinelli, S. Trotsenko, G. Weber
Recent experimental developments for the Lamb shift investigation in heavy ions
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