Short CV – Avraham Gal 12/2005

Name: Avraham Gal
Date of Birth: December 8, 1940
Affiliation: Racah Institute of Physics, The Hebrew University of Jerusalem
Homepage: http://www.phys.huji.ac.il/ avragal/
Academic Degrees:
M.Sc. - 1962 Hebrew University
Ph.D. - 1967 Weizmann Institute
Post-Doctoral: 1967-1969, Laboratory for Nuclear Science, M.I.T.
Appointments @HU:
Senior Lecturer 1969-1972
Associate Professor 1972-1976
Professor 1976-present
Other Appointments (partial list made of sabbatical visiting positions only):
1975/6 Visiting Professor, University of Virginia, Charlottesville, USA
1980/1 Visiting Senior Scientist, Brookhaven National Laboratory, USA (also in 1990,2001)
1985/6 Visiting Senior Scientist, TRIUMF, Univ. BC, Vancouver, Canada (also in 1990)
1990 Royal Society Visiting Research Professor, Oxford University, UK
Main Academic Positions:
Chairman, Racah Institute of Physics, HU, 1987-89
Member, National Council for High Education, 1997-2002
Chairman, Authority for Research Students in the Experimental Sciences, HU, 1997-2001
Chairman, Authority for Research Students, HU, 1999-2001
Dean, Faculty of Science, HU, 2002-2005
Honors and Prizes:
Alexander von Humboldt Research Award 1992
Japan Society for Promotion of Science 2002
Competitive Research Grants (last 5 years):
(i) Trilateral (Palestinian-Israeli-German) DFG *Nuclear Medium Effects from Hadronic Atoms* 01/2000-12/2001, DM 97,900 jointly with Professor Eliahu Friedman
(ii) ISF Ξ^- *atoms as a gateway to multi-strangeness nuclear physics* 10/1998-09/2001, USD 83,122 jointly with Professor Eliahu Friedman
(iii) ISF *Antiproton and antikaon interactions with nuclei near threshold* 10/2001-09/2005, about NIS 450,000 jointly with Professor Eliahu Friedman
(iv) ISF *In-medium nuclear interactions of hadrons at low energy* 10/2005-09/2008, extrapolated NIS 369,000 jointly with Professor Eliahu Friedman
Main Scientific Publications, 2001-2005 (25 in toto, including 9 invited talks):
C.J. Batty, E. Friedman, A. Gal, Nucl. Phys. **A689** (2001) 721.
A. Gal, Nucl. Phys. **A691** (2001) 268c.
A. Cieply, E. Friedman, A. Gal, J. Mares, Nucl. Phys. **A696** (2001) 173.
I.N. Filikhin, A. Gal, in Mesons and Light Nuclei, Eds. J. Adam et al., AIP Conf. Proc. **603** (New York 2001) 405.
A. Gal, Nucl. Phys. **A699** (2002) 300c.
I.N. Filikhin, A. Gal, Phys. Rev. **C65** (2002) 041001 (RC).
I.N. Filikhin, A. Gal, Nucl. Phys. **A707** (2002) 491.

I.N. Filikhin, A. Gal, Phys. Rev. Lett. **89** (2002) 172502.
A. Gal, Few-Body Systems Suppl. **14** (2003) 251.
E. Friedman, A. Gal, Nucl. Phys. **A721** (2003) 842c.
A. Gal, Nucl. Phys. **A721** (2003) 945c.
A. Cieply, E. Friedman, A. Gal, J. Mares, Nucl. Phys. **A721** (2003) 975c.
E. Friedman, A. Gal, Nucl. Phys. **A724** (2003) 143.
I.N. Filikhin, A. Gal, V.M. Suslov, Phys. Rev. **C68** (2003) 024002.
E. Friedman, A. Gal, Phys. Lett. **B578** (2004) 85.
A. Gal, Acta Phys. Pol. **B35** (2004) 991.
A. Cieply, E. Friedman, A. Gal, J. Mares, Acta Phys. Pol. **B35** (2004) 1011.
A. Gal, Prog. Th. Phys. Suppl. **156** (2004) 1.
E. Friedman, A. Gal, Nucl. Inst. Meth. Phys. Res. **B214** (2004) 160.
I. Filikhin, A. Gal, V.M. Suslov, Nucl.Phys. **A743** (2004) 194.
J. Mares, E. Friedman, A. Gal, Phys. Lett. **B606** (2005) 295.
A. Gal, E. Friedman, Phys. Rev. Lett. **94** (2005) 072301.
A. Gal, in Hadron Physics, Eds. T. Bressani et al. (SIF Bologna 2005) pp. 35-53.
A. Gal, Nucl. Phys. **A754** (2005) 91c.
E. Friedman, A. Gal, J. Mares, Nucl. Phys. **A761** (2005) 283.

Scientific Editorship:
Associate Editor, Nuclear Physics A (Nuclear and Hadronic Physics) 1990-present
Editorial Board Member, Physical Review C (Nuclear Physics) 1997-1999
Supervisory Editor, Nuclear Physics A (Nuclear and Hadronic Physics) 1997-present
Editor (with G.E. Brown) Carl B. Dover Memorial Volume, Nucl. Phys. **A625** pp. 1-512
Editor (with E. Hungerford) HYP03 Proceedings, Nucl. Phys. **A754** (2005) pp. 1c-489c

Miscellaneous – International Advisory Committees:
Particle and Nuclear Physics International Conference (Uppsala 1999, Osaka 2002, Eilat 2008)
Int'l Conference on Quark Nuclear Physics (Adelaide 2000, Madrid 2006)
Int'l Conference on Hypernuclear and Strange Particle Physics (Warsaw 1979, Heidelberg 1982, Brookhaven 1985, Padova 1988, Shimoda 1991, Vancouver 1994, Brookhaven 1997, Torino 2000, Jlab 2003, Mainz 2006)
22nd Int'l Nuclear Physics Conference (Goteborg 2004)
2nd Asia-Pacific Conference on Few-Body Problems in Physics (Shanghai 2002)
XVIIIth European Conference on Few-Body Problems in Physics (Bled 2002)
Int'l Conference on Mesons and Light Nuclei (Straz pod Ralskem 1995, Pruhonice 1998, Prague 2001)
APCTP Workshop on Strangeness Nuclear Physics (Seoul 1999)
Int'l Conferences on Quark Lepton Nuclear Physics (Osaka 1995, 1997, 1999)
Int'l Symposium on Physics of Hadrons and Nuclei (Tokyo 1998)
2nd Int'l Conference on Meson-Nuclear Physics (Houston 1979)