

Peter G. Halverson publications while at UCI. The first paper in this list was written by John Breault and myself. At the time John Breault was working on his Ph. D.

"New magnetic monopole flux limits from the IMB proton decay detector," Becker-Szendy, R. *et al.* Physical Review D (Particles and Fields), V. 49, No. 5, p. 2169-2173, 1994

"The Super-Kamiokande detector," The Super-KAMIOKANDE Collaboration; Fukuda, S. *et al.*, Nuclear Instruments and Methods in Physics Research A, V.501, No. 2-3, p. 418-462, 2003

"Measurement of the Solar Neutrino Energy Spectrum Using Neutrino-Electron Scattering," Fukuda, Y. *et al.*, Physical Review Letters, V.82, No. 12, 1999, p. 2430-2434

"Constraints on Neutrino Oscillation Parameters from the Measurement of Day-Night Solar Neutrino Fluxes at Super-Kamiokande," Fukuda, Y., *et al.*, Physical Review Letters, V.82, No. 9, 1999, p. 1810-1814

"Search for nucleon decay using the IMB-3 detector," McGrew, C. *et al.*, Physical Review D (Particles and Fields), V.59, No. 5, 1999

"Calibration of Super-Kamiokande using an electron LINAC," The Super-Kamiokande Collaboration; Nakahata, M. *et al.*, Nuclear Instruments and Methods in Physics Research A, V. 421, No. 1-2, p. 113-129.

"Search for Proton Decay via $p \rightarrow e^+ \pi^0$ in a Large Water Cherenkov Detector," Shiozawa, M.; Viren, B. *et al.*, Physical Review Letters, V. 81, No. 16, 1998, p.3319-3323

"Study of the atmospheric neutrino flux in the multi-GeV energy range," The Super-KAMIOKANDE Collaboration; Fukuda, Y. *et al.*, Physics Letters B, V. 436, No. 1-2, p. 33-41, 1998

"Study of the atmospheric neutrino flux in the multi-GeV energy range," Fukuda, Y. *et al.*, Phys. Lett. B, V. 436, No. 1 - 2, p. 33 - 41, 1998

"Evidence for Oscillation of Atmospheric Neutrinos," Fukuda, Y. *et al.*, Physical Review Letters, V. 81, No. 8, 1998, p.1562-1567

"Measurements of the Solar Neutrino Flux from Super-Kamiokande's First 300 Days," Fukuda, Y. *et al.*, Physical Review Letters, V. 81, No. 6, 1998, p.1158-1162

Measurement of a small atmospheric ν_{μ}/ν_e ratio," The Super-KAMIOKANDE Collaboration; Fukuda, Y. *et al.*, Physics Letters B, V. 433, No. 1-2, p. 9-18, 1998

"Atmospheric Muon Neutrino Fraction above 1 GeV," Clark, R. *et al.*, Physical Review Letters, V. 79, No. 14, p.2754, 1997

"Atmospheric Muon Neutrino Fraction above 1 GeV," Clark, R. *et al.*, Physical Review Letters, V. 79, No. 3, p.345-348, 1997

"A search for moderate- and high-energy neutrino emission correlated with gamma-ray bursts," Becker-Szendy, R. *et al.*, Astrophysical Journal, Part 1. V. 444, No. 1, p. 415-418, 1995

"Neutrino measurements with the IMB detector," Becker-Szendy, R. *et al.*, Nucl. Phys. B, Proc. Suppl., V. 38, p. 331-336, 1995

"Calibration of the IMB detector," Becker-Szendy, R. *et al.*, Nuclear Instruments and Methods in Physics Research A, V. 352, No. 3, p. 629-639, 1995

"A search for astrophysical sources of low-energy neutrinos using the IMB detector," Miller, R. S. *et al.*, The Astrophysical Journal, V. 428, No. 2, pt. 1, p. 629-632, 1994

"Study of underground muons during the January 1991 radio flare of Cygnus X-3," Becker-Szendy, R. *et al.*, Physical Review D (Particles, Fields, Gravitation, and Cosmology), V. 47, No. 10, p.4203-4205, 1993

IMB-3: a large water Cherenkov detector for nucleon decay and neutrino interactions," Becker-Szendy, R. *et al.*, Nuclear Instruments and Methods in Physics Research A, V. 324, No. 1-2, p. 363-382, 1993

"A search for neutrino and gamma ray burst temporal correlations with the IMB detector," Becker-Szendy, R. *et al.*, AIP Conf. Proc., No. 280, p. 838-842, 1993

"Electron- and muon-neutrino content of the atmospheric flux," Becker-Szendy, R. *et al.*, Physical Review D (Particles and Fields), V. 46, No. 9, p.3720-3724, 1992

"Search for muon neutrino oscillations with the Irvine-Michigan-Brookhaven detector," Becker-Szendy *et al.*, Physical Review Letters V. 69, No. 7, 1010-1013, 1992

"Search for Cygnus X-3 in underground muons during the 1989 radio outbursts using the IMB detector," Becker-Szendy, R. *et al.*, Phys. Rev. D, V. 43, No. 4, p. 1413-1415, 1991

"Search for proton decay into $e^+ + \pi^0$ in the IMB-3 detector," Becker-Szendy, R. *et al.*, Physical Review D (Particles and Fields), V. 42, No. 9, p.2974-2976, 1990

Conference papers:

"Atmospheric neutrinos: results from IMB," Becker-Szendy, R. *et al.*, International Symposium on Neutrino Astrophysics: Frontiers of neutrino astrophysics, p. 303-308, 1993

"A measurement of the flux of upward-going muons with the IMB detector," Becker-Szendy, R. *et al.*, 25th IUPAP International Conference on High Energy Physics, p. 662-666, 1991