

Publication List of Susan M. Kasahara

PUBLICATIONS

MINOS

- *Study of muon neutrino disappearance using the Fermilab Main Injector neutrino beam*, P. Adamson et al [MINOS Collaboration], Phys Rev D 77, 072002 (2008).
- *Measurement of neutrino velocity with the MINOS detectors and NuMI neutrino beam*, P. Adamson et al [MINOS Collaboration], Phys Rev D 76, 072005 (2007).
- *Measurement of the Atmospheric Muon Charge Ratio at TeV Energies with MINOS*, P. Adamson et al [MINOS Collaboration], Phys Rev D 76, 052003 (2007).
- *Charge Separated Atmospheric Neutrino Induced Muons at the MINOS Far Detector*, P. Adamson et al [MINOS Collaboration], Phys Rev D 75, 092003 (2007).
- *Observation of Muon Neutrino Disappearance with the MINOS Detectors and the NuMI Neutrino Beam*, D.G. Michael et al [MINOS Collaboration], Phys Rev Lett 97, 191801 (2006).
- *First Observations of Separated Atmospheric Muon Neutrino and Muon AntiNeutrino Events in the MINOS Detector*, P. Adamson et al [MINOS Collaboration], Phys Rev D 73, 072002 (2006).
- *The MINOS scintillator calorimeter system*, P. Adamson et al [MINOS Collaboration], IEEE Trans Nucl Sci 49, 861 (2002).

Soudan 2

- *Measurement of the L/E Distribution of Atmospheric Neutrinos in Soudan 2 and their Interpretation as Neutrino Oscillations*, M. Sanchez et al [Soudan 2 Collaboration], Phys Rev D 68, 113004 (2003).
 - *Search for neutron-antineutron oscillations using multiprong events in Soudan 2*, J. Chung et al [Soudan 2 Collaboration], Phys Rev D 66, 032004 (2002).
 - *Search for Nucleon Decay with final states $L^+ \eta^0$, $\nu \eta^0$, and $\nu \pi^{+0}$ using Soudan 2*, D. Wall et al [Soudan 2 Collaboration], Phys Rev D 62, 092003 (2000).
 - *Search for Nucleon Decay into Lepton + K0 Final States using Soudan 2*, D. Wall et al [Soudan 2 Collaboration], Phys Rev D 61, 072004 (2000).
 - *The Observation of a Shadow of the Moon in the Underground Muon Flux in the Soudan 2 Detector*, J.H. Cobb et al [Soudan 2 Collaboration], Phys Rev D 61, 092002 (2000).
 - *The atmospheric neutrino flavor ratio from a 3.9 fiducial kiloton year exposure of Soudan 2*, W.W.M. Allison et al [Soudan 2 Collaboration], Phys Letters B449:137 (1999).
 - *Search for the proton decay mode $p \rightarrow \nu K^+$ in Soudan 2*, W.W.M. Allison et al [Soudan 2 Collaboration], Phys. Letters B427:217 (1998).
 - *A Study of Cosmic Ray Composition in the Knee Region using Multiple Muon Events in the Soudan 2 Detector*, S. Kasahara et al [Soudan 2 collaboration], Phys Rev D55:5282 (1997).
 - *Cosmic ray composition in the knee region inferred from underground multiple muons at Soudan*, S. Kasahara, Proceedings of the 25th International Cosmic Ray Conference, Durban, South Africa (1997).
 - *Measurement of the atmospheric neutrino flavour composition in Soudan 2*, W.W.M. Allison et al [Soudan 2 collaboration], Phys Lett B 391:491 (1997).
 - *A study of cosmic ray composition in the knee region using multiple muon events in the Soudan 2 detector*, S. Kasahara, Proceedings of the DPF 96 meeting, Minneapolis, MN (1996).
 - *The Soudan 2 detector. The operation and performance of the tracking calorimeter modules*, W.W.M. Allison et al [Soudan 2 collaboration], NIM A381:385 (1996).
 - *The Soudan 2 detector. The design and construction of the tracking calorimeter modules*, W.W.M. Allison et al [Soudan 2 collaboration], NIM A376:36 (1996).
 - *Ultrahigh energy cosmic ray composition from surface air shower and underground muon measurements at Soudan 2*, N. Longley et al [Soudan 2 collaboration], Phys Rev D 52:2760 (1995).
 - *A search for magnetic monopoles with the Soudan 2 detector*, J. Thron et al [Soudan 2 collaboration], Phys
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- *Multiple muon events in Soudan 2*, Allison et al, submitted by S. Kasahara, Proceedings of the 22nd International Cosmic Ray Conference, Dublin, Ireland, HE 4.2-4P, Vol. 4, 560 (1991).
 - *The observation of underground muons from the direction of Cygnus X-3 during the January 1991 radio flare*, M. Thomson et al [Soudan 2 collaboration], Phys Letters B 269:220 (1991).
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