

- [273] "Installation of the SPring-8 LINAC BPM System"
K. Yanagida, T. Asaka, H. Dewa, T. Fukui, H. Hanaki, T. Kobayashi, T. Masuda, A. Mizuno, S. Suzuki,
R. Tanaka, T. Taniuchi, H. Tomizawa, A. Yamashita
Proceedings of LINAC2002, , (2002), 446-448
- [274] "Primary Hydrokinetics Study and Experiment on the Hydrostatic Leveling System"
C. Zhang, K. Fukami, S. Matsui
Proceedings of the 7th International Workshop on Accelerator Alignment, , (2002),
[2003]
- [275] "UV Laser Source for Photocathode RF Electron Gun at SPring-8"
H. Dewa
Proceedings of APLS 2002 The third Asian Pacific Laser Symposium, , (2003), 618-621
- [276] "Magnet-Related Failure Experiences at the SPring-8 Storage Ring"
K. Tsumaki, N. Kumagai, S. Matsui, M. Ohishi, H. Yonehara, T. Tateishi, Y. Torii
Proceedings of the 2003 Particle Accelerator Conference, , (2003), 884-886
- [277] "Measurement System of Environmental Quantities for the SPring-8 Storage Ring"
K. Tsumaki, T. Shimada, K. Kumagai, H. Takebe, N. Kumagai
Proceedings of the 14th Symposium on Accelerator Science and Technology, , (2003), 617-619

Control

Refereed Journals

- [1997]
- [1] "Design and Performance of the Network System for the Storage Ring Control at SPring-8"
T. Fukui, K. Kobayashi, T. Masuda, A. Taketani, R. Tanaka, T. Wada, A. Yamashita
Proceedings of the 1997 International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 97), , (1997), 312-314
- [2] "Data Acquisition System with Database at the SPring-8 Storage Ring"
A. Taketani, T. Fukui, K. Kobayashi, T. Masuda, R. Tanaka, T. Wada, A. Yamashita
Proceedings of the 1997 International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 97), , (1997), 437-439
- [3] "The First Operation of Control System at the SPring-8 Storage Ring"
R. Tanaka, T. Fukui, K. Kobayashi, T. Masuda, A. Taketani, T. Wada, A. Yamashita
Proceedings of the 1997 International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 97), , (1997), 1-4
- [4] "The Database System for the SPring-8 Storage Ring Control"
A. Yamashita, T. Fukui, K. Kobayashi, T. Masuda, A. Taketani, R. Tanaka, T. Wada
Proceedings of the 1997 International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 97), , (1997), 427-429
- [1998]
- [5] "SPring-8 Beamline Control System"
T. Ohata, H. Konishi, H. Kimura, Y. Furukawa, K. Tamasaku, T. Nakatani, T. Tanabe, N. Matsumoto,
M. Ishii, T. Ishikawa
Journal of Synchrotron Radiation, **5**, (1998), 590-592
- [1999]
- [6] "SPring-8 Beamline Control System"
T. Ohata, T. Fukui, Y. Furukawa, M. Ishii, M. Kodera, T. Masuda, T. Matsushita, T. Nakatani, M.
Takeuchi, K. Tamasaku, R. Tanaka, A. Yamashita
Proceedings of the 7th International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 99), , (1999), 666
- [2001]
- [7] "Toward a Reliable Gigabit Network—An Upgrade of the SPring-8 Network"
T. Fukui, M. Ishii, R. Tanaka, T. Masuda, T. Ohata
Proceedings of the 8th International Conference on Accelerator and Large Experimental Physics
Control Systems (ICALEPCS 2001) online
<http://www.slac.stanford.edu/econf/C011127/proceedings.html>, , (2001), physics/0111059

- [8] "Development of an Interpreter Program for an Equipment Control"
Y. Furukawa, M. Ishii, T. Nakatani, T. Ohata
Proceedings of the 8th International Conference on Accelerator and Large Experimental Physics Control Systems (ICALEPCS 2001) online
<http://www.slac.stanford.edu/econf/C011127/proceedings.html>, (2001), physics/0111050
- [9] "Upgrade of SPring-8 Beamline Network with VLAN Technology over Gigabit Ethernet"
M. Ishii, T. Fukui, Y. Furukawa, T. Nakatani, T. Ohata, R. Tanaka
Proceedings of the 8th International Conference on Accelerator and Large Experimental Physics Control Systems (ICALEPCS 2001) online
<http://www.slac.stanford.edu/econf/C011127/proceedings.html>, (2001), cs.NI/0111027
- [10] "Beamline Interlock System and rfBPM Interlock System in SPring-8"
T. Matsushita, T. Nakatani, Y. Ishizawa, T. Ohata, Y. Furukawa, M. Takeuchi, M. Ishii, H. Kimura, S. Goto, K. Takeshita, T. Kudo, T. Takagi, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 816-819
- [11] "SPring-8 Beamline Control System"
T. Ohata, T. Nakatani, Y. Furukawa, K. Tamasaku, M. Ishii, T. Matsushita, M. Takeuchi, R. Tanaka, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 820-824
- [12] "Secure Network for Beamline Control"
T. Ohata, T. Fukui, M. Ishii, Y. Furukawa, T. Nakatani, T. Matsushita, M. Takeuchi, R. Tanaka, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 825-828
- [13] "A Study of a Real-Time Operating System on the Intel-Based VME Controllers"
T. Ohata, T. Masuda
Proceedings of the 8th International Conference on Accelerator and Large Experimental Physics Control Systems (ICALEPCS 2001) online
<http://www.slac.stanford.edu/econf/C011127/proceedings.html>, (2001), physics/0111053

Front End

Refereed Journals

[1995]

- [1] "Conceptual Design of SPring-8 Front Ends"
Y. Sakurai, M. Oura, H. Sakae, T. Usui, H. Kimura, Y. Oikawa, H. Kitamura, T. Konishi, H. Shiwaku, A. Nakamura, H. Amamoto, T. Harami
Review of Scientific Instruments, **66**, (1995), 1771-1773

[1997]

- [2] "Diamond Beam-Position Monitor for Undulator Radiation and Tests at the Tristan Super Light Facility"
H. Sakae, H. Aoyagi, M. Oura, H. Kimura, T. Ohata, H. Shiwaku, S. Yamamoto, H. Sugiyama, K. Tanabe, K. Kobashi, H. Kitamura
Journal of Synchrotron Radiation, **4**, (1997), 204-209

[1998]

- [3] "Electronics for SPring-8 X-Ray Beam Monitors"
T. Kudo, H. Aoyagi, H. Shiwaku, Y. Sakurai, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 630-631
- [4] "Design of Compact Absorbers for High-Heat-Load X-Ray Undulator Beamlines at SPring-8"
T. Mochizuki, Y. Sakurai, D. Shu, T. M. Kuzay, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 1199-1201
- [5] "Allowable Aperture Size of the Front End for the High-Heat-Load Undulator Beamlines of SPring-8"
M. Oura, H. Sakae, Y. Sakurai, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 609-611
- [6] "Front-End XY-Slits Assembly for the SPring-8 Undulator Beamlines"
M. Oura, Y. Sakurai, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 606-608
- [7] "Present Status and Performance of SPring-8 Front Ends"
Y. Sakurai, M. Oura, S. Takahashi, Y. Hayashi, H. Aoyagi, H. Shiwaku, T. Kudo, T. Mochizuki, Y. Oikawa, M. Takahashi, K. Yoshii, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 1195-1198