

- [284] "Radiation Damage of Magnet Coils Due to Synchrotron Radiation"
 K. Tsumaki, S. Matsui, M. Ohishi, T. Yorita, T. Shibata, T. Tateishi
 Proceedings of European Particle Accelerator Conference, , (2004), 2356-2358
- [285] "Beam Instrumentation using BPM System of the SPring-8 LINAC"
 K. Yanagida, T. Asaka, H. Dewa, H. Hanaki, T. Kobayashi, A. Mizuno, S. Suzuki, T. Taniuchi, H. Tomizawa
 Proceedings of the 2004 International LINAC Conference, , (2004), 444-446

Control

Refereed Papers

[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), , (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), , (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), , (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), , (2001), physics/0111053

Front End

Refereed Papers

[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
- [8] "Design of a Pre-Slit for SPring-8 Undulator Beamlines"
S. Takahashi, Y. Sakurai, H. Kitamura
Journal of Synchrotron Radiation, **5**, (1998), 581-583

[2001]

- [9] "Blade-Type X-Ray Beam Position Monitors for SPring-8 Undulator Beamlines"
H. Aoyagi, T. Kudo, H. Kitamura
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 252-255
- [10] "Design of the Front End for the Very Long In-Vacuum X-Ray Undulator at SPring-8"
S. Takahashi, H. Aoyagi, T. Mochizuki, M. Oura, Y. Sakurai, A. Watanabe, H. Kitamura
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 758-761