

- [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), 666-668
 [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
 [2005]
- [14] "Event-Synchronized Data Acquisition System for the SPring-8 Linac Beam Position Monitors"
 T. Masuda, T. Fukui, R. Tanaka, T. Taniuchi, A. Yamashita, K. Yanagida
Nuclear Instruments and Methods in Physics Research Section A, **543**, (2005), 415-430

Front End

Refereed Journals

- [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
- [2008]
- [11] "Quantitative Estimation of Thermal Contact Conductance of a Real Front-end Component at SPring-8 Front-ends"
M. Sano, S. Takahashi, T. Mochizuki, A. Watanabe, M. Oura, H. Kitamura
Journal of Synchrotron Radiation, **15**, (2008), 1-7
 - [12] "Fatigue Life Prediction for High-Heat-Load Components Made of GlidCop by Elastic-Plastic Analysis"
S. Takahashi, M. Sano, T. Mochizuki, A. Watanabe, H. Kitamura
Journal of Synchrotron Radiation, **15**, (2008), 144-150

General

Refereed Journals

- [1998]
- [1] "Shielding Design Calculation for SPring-8 Beamlines Using STAC8"
Y. Asano
Journal of Synchrotron Radiation, **5**, (1998), 615-617
 - [2] "Physics with Polarized Photons at SPring-8"
M. Fujiwara, T. Hotta, T. Kinashi, K. Takanashi, T. Nakano, Y. Ohashi, S. Date, H. Ohkuma, N. Kumagai
Acta Physica Polonica B, **29**, (1998), 141-156
 - [3] "SPring-8 Program"
H. Kamitsubo
Journal of Synchrotron Radiation, **5**, (1998), 162-167
- [1999]
- [4] "Characteristics of Shielding Design Calculation for the SPring-8 Synchrotron Radiation Beamlines"
Y. Asano, N. Sasamoto
Radiation Protection Dosimetry, **82**, (1999), 167-174
 - [5] "The Start of a New Generation: the Present Status of the SPring-8 Synchrotron and Its Use in Structural Biology"
T. Ueki, M. Yamamoto
Structure, **7**, (1999), R183-R187
- [2001]
- [6] "Transport Channels of X-Ray Beamlines at SPring-8"
S. Goto, H. Ohashi, K. Takeshita, M. Yabashi, M. Yamakata, Y. Asano, T. Ishikawa
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 813-815