

- [291] "Beam Position Feedback and Automatic Phaseing of SPring-8 Linac"  
K. Yanagida, T. Asaka, H. Dewa, H. Hanaki, T. Kobayashi, A. Mizuno, S. Suzuki, T. Taniuchi, H. Tomizawa  
第2回日本加速器学会年会 第30回リニアック技術研究会報告集, , (2005), 418-420
- [292] "Study of Damage of Storage Ring Vacuum Chamber by 8 GeV Electron Beam Abort at SPring-8"  
T. Yorita, M. Ohishi, N. Kumagai, H. Ohkuma, H. Yonehara, J. Schimizu, H. Tanaka  
真空 (Journal of the Vacuum Society of Japan), **48**, (2005), 103-105  
[2006]
- [293] "Invwstigation of Radiation Damage of an Ion Pomp Cable"  
M. Oishi, T. Yorita, Y. Taniuchi, N. Nariyama, T. Tateishi, H. Yonehara, H. Okuma  
真空 (Journal of the Vacuum Society of Japan), **49**, (2006), 132-134

## Control

## Refereed Journals

- [1] [1997] "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  
[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**

[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