

# [ JAERI Beamlines ]

## BL11XU

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- [1] "SPRING-8 Beamlines for High Pressure Science with Multi-Anvil Apparatus"  
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The Review of High Pressure Science and Technology, **7**, (1998), 1484-1486

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- [2] "Experimental Study of the Influence of Magnetic Phase Transition on the Mössbauer Time Spectra of the Nuclear Forward Scattering"  
T. Mitsui, S. Kitao, M. Seto, Y. Yoda, S. Kikuta  
Journal of the Physical Society of Japan, **68**, (1999), 4049-4050

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- [3] "Measurement of Gas Bremsstrahlung at the SPRING-8 Insertion Device Beamline using PWO Scintillator"  
Y. Asano, T. Matsumura, R. Chiba, T. Hashimoto, A. Miura, H. Shimizu, Y. Tajima, H. Y. Yoshida  
Nuclear Instruments and Methods in Physics Research Section A, **451**, (2000), 685-696
- [4] "Nuclear Resonant Scattering of Synchrotron Radiation by <sup>121</sup>Sb and <sup>149</sup>Sm"  
S. Kitao, T. Mitsui, M. Seto  
Journal of the Physical Society of Japan, **69**, (2000), 683-685
- [5] "Nuclear Resonance Scattering of Synchrotron Radiation by <sup>40</sup>K"  
M. Seto, S. Kitao, Y. Kobayashi, R. Haruki, T. Mitsui, Y. Yoda, X. W. Zhang, Y. Maeda  
Physical Review Letters, **84**, (2000), 566-569

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- [6] "Diamond Double-Crystal Monochromator in Bragg Geometry Installed on BL-11XU at SPRING-8"  
M. Marushita, T. Mitsui, T. Fukuda, M. Takahashi, T. Inami, Y. Katayama, H. Shiwaku, J. Mizuki  
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- [7] "The Experimental Apparatus for Synchrotron Radiation Mössbauer Spectroscopy of BL11 in SPRING-8"  
T. Mitsui, S. Kitao, X. W. Zhang, M. Marushita, M. Seto  
Nuclear Instruments and Methods in Physics Research Section A, **467-468**, (2001), 1105-1108
- [8] "Site-Specific Phonon Density of States Discerned using Electronic States"  
M. Seto, S. Kitao, Y. Kobayashi, R. Haruki, Y. Yoda, T. Mitsui, T. Ishikawa  
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- [9] "Local Structure of Molten LaCl<sub>3</sub> by K-Absorption Edge XAFS"  
Y. Okamoto, H. Shiwaku, T. Yaita, H. Narita, H. Tanida  
Journal of Molecular Structure, **641**, (2002), 71-76
- [10] "X-Ray Diffractometer for Studies on Molecular-Beam-Epitaxy Growth of III-V Semiconductors"  
M. Takahashi, Y. Yoneda, H. Inoue, N. Yamamoto, J. Mizuki  
Japanese Journal of Applied Physics, **41**, (2002), 6247-6251
- [11] "Dynamics of Fe Cations in an H<sub>2</sub>SO<sub>4</sub> Solution by Nuclear Resonant Quasielastic Scattering"  
R. Haruki, M. Seto, S. Kitao, Y. Yoda, T. Mitsui, Yu. Maeda  
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- [12] "Phase Relations of AgI under High Pressure and High Temperature"  
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- [14] "Orbital Excitations in LaMnO<sub>3</sub> Studied by Resonant Inelastic X-Ray Scattering"  
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- [15] "Time-Resolved X-Ray Diffraction Study on Surface Structure and Morphology during Molecular-Beam Epitaxy Growth"  
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- [16] "Domain Boundaries in the GaAs(001)-2x4 Surface"  
M. Takahasi, Y. Yoneda, N. Yamamoto, J. Mizuki  
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- [17] "Characterization of Perovskite Related Oxides by Nuclear Resonance Inelastic Scattering of Synchrotron Radiation"  
K. Nomura, A. Rykov, T. Mitsui, Y. Yoda, Y. Kobayashi, M. Seto, Ts. Sawada  
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- [3] "A First-Order Liquid-Liquid Phase Transition in Phosphorus"  
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- [5] "High Energy X-Ray Study of the Structure of Vitreous B<sub>2</sub>O<sub>3</sub>"  
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- [6] "Second-Order Phase Transition of FeS under High Pressure and Temperature"  
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