

# Publication List

## Staff: Accelerator Division VI

Bajpai, R., Tomaru, T., Suzuki, T., Yamamoto, K., Ushiba, T., Honda T.

Study of Newtonian Noise from the KAGRA Cooling System  
*Proc. of Science* **441**, 115 (2023).

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*Proc. IPAC2023, Venice, Italy* **2023**, 2642 (2023).

Sakai, H., Yamamoto, M., Tanaka, O., Honda, Y., Umemori, K., Yamada, T., Shimizu, H., Morikawa, Y., Kamiya, Y., Nakamura, N., Harada, K., Higashi, N.

Conceptual Design of the High-Power Electron Beam Irradiator using Niobium-Tin Superconducting Cavity

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Higashi, N., Mitsuda, C., Nagahashi, S., Harada, K., Nogami, T., Uchiyama, T., Nakamura, N., Honda, T., Satoh, M., Okayasu, Y., Enomoto, Y.

Modification of Beam Transport Line Design for Simultaneous Top-up Injection to PF and PF-AR

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Jin, X., Tanimoto, Y., Uchiyama, T., Honda, T.

Development of Highly Durable Pd Coatings with Ultra-Low Photon-Stimulated Desorption and Low Resistivity Values

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High-Power EUV Free-Electron Laser for Future Lithography  
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Yamaguchi, T., Sakanaka, S., Yamamoto, N., Naito, D., Takahashi, T.

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Shimada, M., Nakamura, N., Miyajima, T., Honda, Y., Obina, T., Kato, R., Fukuda, M., Norvell, N.P., Tanaka, O., Sakai, H.

Experimental Exploration of Compressed Beam Dynamics in an Energy Recovery Linac with Comparison to Simulations  
*Phys. Rev. Accel. Beams* **26**, 030102 (2023).

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Estimation of Newtonian noise from the KAGRA Cooling System

*Physical Review D* **107**, 042001 (2023).

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Reconstruction and Beam-Transport Study of the cERL Dump Line for High-Power IR-FEL Operation

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Shinohara, S., Mitsuda, C., Naito, D., Okuda, T., Nakamura, T.

Long-Term Test of a Prototype Pulsed Power Supply using SiC-Mosfets for a Fast Kicker System in KEK-PF

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Nigorikawa, K., Nogami, T., Haga, K., Harada, K., Higashi, N.,  
Honda, T., Marutsuka, K., Mitsuda, C., Mimashi, T.,  
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Naito, D., Yamamoto, N., Yamaguchi, T., Takahashi, T.,  
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Hanagaki, K., Ikegami, Y., Nakamura, I., Togawa, M., Abe, S.,  
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Dose Distribution Measurement Downstream of  
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Improvement of the Beam Transport Line for Realizing the  
Top-Up Injection with 5 GeV Beam Energy in KEK PF-AR  
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Effect of the GeV-Range Test Beamline Wiretarget on the  
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