

KEY PUBLICATIONS

[1] **HIGH GAIN HARMONIC GENERATION FREE-ELECTRON LASER EXPERIMENT**, L.-H. Yu, M. Babzien, I. Ben-Zvi, L.F. DiMauro, A. Doyuran, W. Graves, E. Johnson, S. Krinsky, R. Malone, I. Pogorelsky, J. Skaritka, G. Rakowsky, L. Solomon, X.J. Wang, M. Woodle, V. Yakimenko (BNL), S.G. Biedron, J.N. Galayda, E. Gluskin, J. Jagger, V. Sajaev, I. Vasserman (ANL), *Science* 2000 August 11; 289: 932-934

[2] **Characterization of a High-Gain Harmonic-Generation Free-Electron Laser at Saturation** A. Doyuran, M. Babzien, T. Shaftan, L. H. Yu, L. F. DiMauro, I. Ben-Zvi, S. G. Biedron, W. Graves, E. Johnson, S. Krinsky, R. Malone, I. Pogorelsky, J. Skaritka, G. Rakowsky, X. J. Wang, M. Woodle, V. Yakimenko, J. Jagger, V. Sajaev, and I. Vasserman, Phys. Rev. Letter, 86, 5902(2001)

[3] **First Ultraviolet High-Gain Harmonic-Generation Free-Electron Laser** L. H. Yu, L. DiMauro, A. Doyuran, W. S. Graves, E. D. Johnson, R. Heese, S. Krinsky, H. Loos, J. B. Murphy, G. Rakowsky, J. Rose, T. Shaftan, B. Sheehy, J. Skaritka, X. J. Wang, and Z. Wu
Published 14 August 2003, Physical Rev Lett, Vol 91 Issue 7, P 074801-1

[4] **Observation of SASE and amplified seed of the DUV-FEL at BNL**, A. Doyuran, W. Graves, R. Heese, E. D. Johnson, S. Krinsky, H. Loos, J. Murphy, G. Rakowsky, J. Rose, T. Shaftan, B. Sheehy, J. Skaritka, X.J. Wang, L.H. Yu, NIM-A Vol 507, P 392-395, 2003

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[6] **Experimental study of a high-gain harmonic-generation free-electron laser in the ultraviolet**, Adnan Doyuran, Louis DiMauro, William Graves, Richard Heese, Erik D. Johnson, Sam Krinsky, Henrik Loos, James B. Murphy, George Rakowsky, James Rose, Timur Shaftan, Brian Sheehy, Yuzhen Shen, John Skaritka, Xijie Wang, Zilu Wu, and Li Hua Yu. PHYSICAL REVIEW SPECIAL TOPICS - ACCELERATORS AND BEAMS VOLUME 7, 050701 (2004)

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