User and Staff FEL/Light Sources Publications

2006 Publications and Conferences

1. J.E. Thomas, R. Schmidt, M.J. Kelley and E. A. Canuel, "DRIFT Infrared Spectroscopy Studies of Organic Matter Interactions at Mineral surfaces", Abstract compiled (and accepted as a poster) for the 18th World Congress of Soil Science, 9 -15 July 2006, Philadelphia, PA.

2. J.E. Thomas, R. Schmidt, M.J. Kelley and E. A. Canuel, "Surface Specific IR Studies of Organic Matter Interactions at Mineral Surfaces", Abstract compiled for 232nd American Chemical Society National Meeting, 10-14 September 2006, San Francisco, CA.

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1. H.F. Dylla and Steven T. Corneliussen, "John Ambrose Fleming and the Beginning of Electronics", J. Vac. Sci. Technol. **A23**, 1244 (2005).
2. S. Benson, J. Coleman, R. Evans, A. Grippo, K. Jordan and Others, "Laser Safety System for the IR Upgrade FEL at Jefferson Lab", Abstract compiled for the 27th International Free Electron Laser Conference (FEL 2005), 21-26 Aug 2005, Stanford, California.
3. Christine Conrad and Michael J. Kelley, "Nanomaterials to bridge the gap between laboratory and field studies in environmental science", Abstract compiled for Materials Research Society Fall Meeting, 27-Nov-05, Boston, MA.
4. G.P. Williams and JLab FEL Team, "Next Generation Accelerator-Based Light Sources", Abstract Compiled for Workshop on Infrared Microscopy and Spectroscopy, 26-Jun-05, Rathen, Germany.
5. Zhengmao Zhu and Michael Kelley, "Poly(ethylene terephthalate) surface modification by deep UV (172 nm) irradiation", Applied Surface Science, **236**, Issue 1-4, Page(s) 416-425 (2005).
6. George Neil and the FEL Team, "The JLab IR Upgrade FEL Facility", Proceedings of the Joint 30th International Conference on Infrared and Millimeter Waves and The 13th International Conference on Terahertz Electronics, IEEE catalog 05EX1150, ISBN 0-7803-9348-1, Library of Congress 200592853, Williamsburg, pp 573-574 (September 2005).
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10. Shukui Zhang, Stephen Benson, David Douglas, Carlos Hernandez-Garcia and others, ”Temporal Characterization of Electron Beam Bunches with A Fast Streak Camera At the JLab FEL Facility”, Abstract compiled for the 27th International Free Electron Laser Conference (FEL 2005), 21-26 Aug 2005, Stanford, California.
11. James R Boyce, ”The Jefferson Lab High Power Light Source”, 7th International High energy Density and High Power RF Workshop, 13-17 Jun-05, Kalamata, Greece.D.K. Abe and G. S. Nusinovich eds. AIP Conference Proceedings **807** 348 (2006)
12. Michael Kelley and Zhengmao Zhu, ”ToF/SIMS analysis of a self-assembled fluorocarbon monolayer on a PET surface”, Abstract compiled for Materials Research Society Fall Meeting, 27-Nov-05, Boston, MA.
13. Timothy Siggins, Stephen Benson, Donald Bullard, H. Dylla, Kevin Jordan and Others, “A high average current DC GaAs photocathode gun for ERLs and FELs”, Poster compiled for PAC 05, Knoxville, May 16-20, 2005.
14. Larry Mattix and Michael Kelley, “A Tidewater Virginia Partnership for Materials Science Education”, 20-Jun-05, Dec-05, Local Meetings.
15. Richard Evans, Albert Grippo & Kevin Jordan, “A Versatile Carrier Board and Associated Timer Module Applications”, - Abstract compiled for ICALEPCS, Geneva, October 10-14, 2005.
16. George Biallas, Stephen Benson, Tommy Hiatt, George Neil and Michael Snyder, “An 8 CM Period Electromagnetic Wiggler Magnet With Coils Made From Sheet Copper”, Poster compiled for PAC 05, Knoxville, May 16-20, 2005.
17. Richard Evans, Kevin Jordan, Albert Grippo and Daniel Sexton, “An Overview of the Accelerator Timing System for the Free Electron Laser Project at Jefferson Lab”, - Abstract compiled for ICALEPCS, Geneva, October 10-142005
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19. Stephen Benson, George Biallas, O Chubar, D Douglas, P Dumas and Others, “Calculations & mitigation of THz mirror heating at the Jefferson Lab FEL”, Abstract compiled for FEL2005, 21-26 Aug 2005, Stanford, California..
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