



Todd Smith

Professor (Research) of Physics, Emeritus

 Curriculum Vitae available Online

Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Physics

Publications

PUBLICATIONS

- **Wide-field coherent anti-Stokes Raman scattering microscopy with non-phase-matching illumination** *OPTICS LETTERS*
Toyman, I., Cohn, K., Smith, T., Simanovskii, D., Palanker, D.
2007; 32 (13): 1941-1943
- **Experimental investigation of multibunch, multipass beam breakup in the Jefferson Laboratory Free Electron Laser Upgrade Driver** *PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS*
Douglas, D. R., Jordan, K. C., Meringa, L., Pozdeyev, E. G., Tennant, C. D., Wang, H., Smith, T. I., Simrock, S., Bazarov, I. V., Hoffstaetter, G. H.
2006; 9 (6)
- **Transient optical elements: application to near-field microscopy** *JOURNAL OF MICROSCOPY-OXFORD*
Simanovskii, D., Palanker, D., Cohn, K., Smith, T.
2003; 210: 307-310
- **Resonantlike phenomenon in short-pulse free-electron-laser oscillators with modulated desynchronization** *PHYSICAL REVIEW E*
Calderon, O. G., Kimura, T., Smith, T. I.
2002; 65 (1)
- **Fast IR imaging with sub-wavelength resolution using a transient near-field probe (Tipless near-field microscopy)** *Conference on 3-Dimensional and Multidimensional Microscopy - Image Acquisition and Processing VI*
Palanker, D. V., Smith, T. I., Schwettman, H. A.
SPIE-INT SOC OPTICAL ENGINEERING.1999: 31-39