

### **Publications of Wei-Chen Chien**

Emmett N. Leith, Kurt D. Mills, Wei-Chen Chien, Brian D. Athey, and David S. Dilworth, "Generalization of the theory of holographic coherence confocal imaging," Holography: A Tribute to Yuri Denisyuk and Emmett Leith, Orlando, FL. Proc. SPIE Int. Soc. Opt. Eng. 4737, 1 2002.

E. N. Leith, W. -C. Chien, K. D. Mills, B. D. Athey, and D. S. Dilworth, "Optical sectioning by holographic coherence imaging: a generalized analysis ," J. Opt. Soc. Am. A 20, 380-387 (2003)

E. N. Leith, W. -C. Chien, K. D. Mills, B. D. Athey, D. S. Dilworth, and J. L. Beals, "Noise Suppression and Optical Sectioning by Non-Phase-Recording Interferometry," Appl. Opt. 43, 4512-4519 (2004)

Emmett N. Leith, David S. Dilworth, Wei-Chen Chien, Kurt D. Mills, Brian D Athey, Elson Y. Liu, "Synthetic-aperture, holographic, chirped confocal process." 2004 Optical Society of America Annual Meeting, Rochester, NY

E. N. Leith, David S. Dilworth, Wei-Chen Chien and Elson Liu, "The interaction of holography, synthetic aperture technology and coded signal imaging" Holography 2005 International Conference on Holography, Optical Recording, and Processing of Information, Varna, Bulgaria.

W. -C. Chien, D. S. Dilworth, E. Liu, and E. N. Leith, "Synthetic-aperture chirp confocal imaging," Appl. Opt. 45, 501-510 (2006)