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學術經歷與得獎：" 1.8-ps Mode-Locked Semiconductor Optical Amplifier Fiber Laser Pulse Generated by 60-ps Backward Optical Dark Pulse Injection " (學生論文講獎入圍) at OPT2004 (台灣光電科技研討會).

專長：光纖通訊主動元件傳輸量測

LD 的驅動與 CW 特性量測

光纖被動元件的運用與量測

半導體光放大器的基本特性分析

以半導體光放大器產生超短雷射脈衝及特性研究

主動鎖模光纖雷射(SOA based)

增益開關脈衝雷射

脈衝壓縮技術

Publication List

國際期刊論文與研討會論文投稿及發表紀錄：

學術期刊：

1. Gong-Ru. Lin, **I-Hsiang Chiu**, and Ming-Chung Wu, "1.2-ps mode-locked semiconductor optical amplifier fiber laser pulses generated by 60-ps backward dark-optical comb injection and soliton compression," *Opt. Express*, vol. 13, pp. 1008-1014, 2005.

研討會：

1. **I-Hsiang Chiu**, Yu-Sheng Liao, Yu-Huang Lin, Yung-Cheng Chang, and Gong-Ru Lin, "The effect of backward injecting wavelength on the mode-locking dynamics of a semiconductor amplifier based fiber laser ", *Conference of Semiconductor and Organic Materials and Devices*, Beijing, China, 7-11 November, 2004.
2. **I-Hsiang Chiu**, Yu-Sheng Liao, Yung-Cheng Chang, and Gong-Ru Lin, "A 3.5-ps Mode-Locked Semiconductor Optical Amplifier Fiber Laser generated by 60-ps Backward Optical Dark Pulse-Train Injection", *Photonics West, Symposia: Fiber Lasers II: Technology, Systems, and Applications*, San Jose, California, 22-27 January 2005.
3. **I-Hsiang Chiu**, Ming-Chung Wu, Zu-De Gong, Gong-Cheng Lin, Jy-Wang Liaw and Gong-Ru Lin*, "1.8-ps Mode-Locked Semiconductor Optical Amplifier Fiber Laser Pulse Generated by 60-ps Backward Optical Dark Pulse Injection", *Conferent of Optics and Photonics/Taiwa'(OPT) 04*, paper, Taipei, Taiwan, December 18-19, 2004.
4. **I-Hsiang Chiu**, Ming-Chung Wu, Gong-Ru Lin*, "Generation of 1.8-ps Mode-Locked Semiconductor Optical Amplifier Fiber Laser pulses by 60-ps Backward Optical Dark Comb Injection ", *IEEE/LEOS International Conference on Laser and Electro-Optics Society Annual Meeting (CLEO 2005)*, post presentation, Baltimore, Maryland, USA, May 22-27, 2005.