

Vita

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學 歷:

1996-2005	交通大學	光電工程研究所	博士
1994-1996	中央大學	物理研究所	碩士
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Publication List

1. **Yung-Hsin Lu** and Sien Chi, “Two-stage L-band EDFA applying C/L-band wavelength-division multiplexer with the counterpropagating partial gain-clamping,” *IEEE Photon. Technol. Lett.*, vol.15, pp. 1710-1712, 2003.
(3 點)
2. **Yung-Hsin Lu** and Sien Chi, “All-optical gain-clamped wideband serial EDFA with ring-shaped laser,” *Optics Communication*, vol.229, pp. 317-323, 2004.
(2.5 點)
3. **Yung-Hsin Lu**, Kuo-Hsiang Lai, and Sien Chi, “Suppression of relaxation oscillations and static power excursions in an optical gain-clamped EDFA using a control channel,” submitted to *IEEE Photon. Technol. Lett.*, May 2005.

Publication List about Optical Storage

A. International Journal or letters

1. Dimitrov DZ, **Yung-Hsin Lu**, Mei-Rurng Tseng, Wei-Chih Hsu and Shieh H-PD, “Oxygen and nitrogen co-doped GeSbTe thin films for phase-change optical recording”, *Japanese Journal of Applied Physics Part 1-Regular Papers Short Notes & Review Papers*, vol.41, no.3B, March 2002, pp.1656-9.
2. **Yung-Hsin Lu**, Dimitrov D, Jia-Reuy Liu, Tsung-Eong Hsieh and Han-Ping David Shieh, “Mask films for thermally induced superresolution readout in rewritable phase-change optical disks”, *Japanese Journal of Applied Physics Part 1-Regular Papers Short Notes & Review Papers*, vol.40, no.3B, March 2001, pp.1647-8.
5. Jia-Reuy Liu, **Yung-Hsin Lu** and H. P. D. Shieh, “Effects of aperture wall on the readout signal of erasable thermal phase change super resolution disks”: *Japanese Journal of Applied Physics Part 1-Regular Papers Short Notes & Review Papers*, vol.40, 1999, pp1661.

B. Conference

1. International Photonics Conference, December 2000, National Chiao Tung University, Hsinchu, Taiwan, ROC.
2. International Symposium on Optical Memory 2000(ISOM 2000), September 2000, Auditorium Chitose Institute of Science and Technology Chitose, Hokkaido, Japan.
3. International Optoelectronics Symposium, July 2000, Taipei International Convention Center, Taipei, Taiwan, ROC.
4. International Symposium on Advanced Optical Storage, October 1998, Grandddd Hotel, Taipei, Taiwan, ROC.

