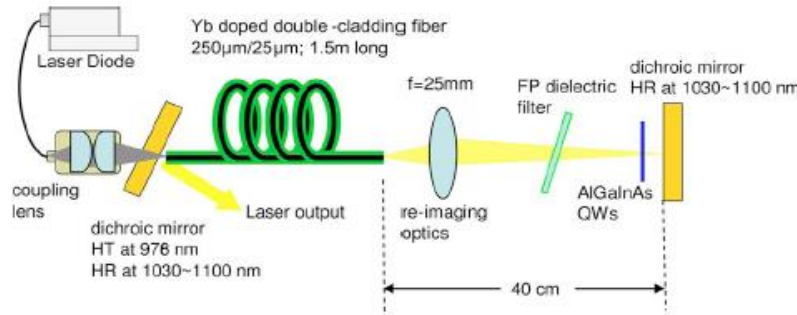


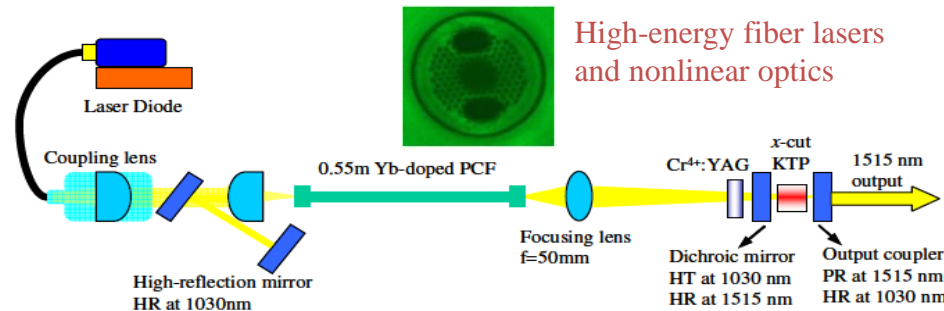
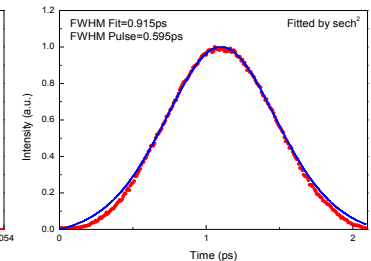
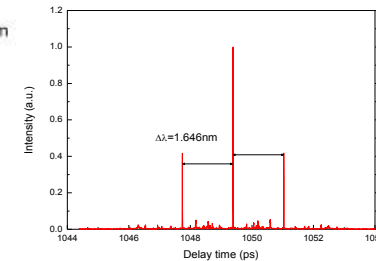
Prof. Kuan-Wei Su / Department of Electrophysics

Laser Physics and Engineering, Nonlinear and Applied Optics, High-speed Dynamics of Light and Matter

We are “High-Speed Electro-Optical Measurement and Laser Application Laboratory of Laser Physics Research Group” in the Dept. of Electrophysics, NCTU. Based on core capacity of laser manufacturing and high-speed observation, combined with ability of theoretical analysis, the primary research interests include the following topics: Laser Induced Breakdown in Fluid / Lab-on-a-chip; High-Speed Dynamics of Lasers and Matter; Industrial & Medical System of Lasers / Optics; High-Power Pulsed Fiber Lasers; High-power Solid-State Lasers (UV~MIR); Ultrafast Lasers; OPO and Raman Lasers; Pattern Formation and Quantum Physics.

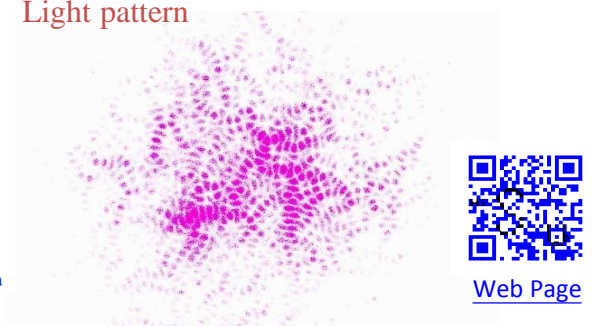


Compact ultrafast lasers



High-energy fiber lasers and nonlinear optics

Light pattern



[Web Page](#)