

Ching - Cherng Sun  
Distinguished Professor  
Department of Optics and Photonics,  
National Central University  
Email: ccsun@dop.ncu.edu.tw

Re: College of Electrical and Communication Graduate Seminar

Dear Prof Sun:

Once again thank you very much for your acceptance of our invitation to give a talk to our colleagues graduate students. I and my students are looking forward to your presentation. The seminar scheduling information is as follows:

**Date:** May 10, 2013

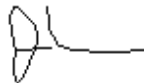
**Time:** 7:00 ~ 8:30 PM Friday

**Location:** Yuan Ze University Building 7 Floor 2 Rm 70206

Upon arrival at Yuan Ze University, you may tell the guard that you are the speaker for the 白小明's seminar course. You may then drive into campus. I suggest that you park in the basement of building 7. When you arrive I hope that you can contact with me at 0972-286-144. We would be honored if you were able to arrive a little early to have a light dinner with us at the Faculty Cafeteria in Yuan Ze University before the seminar.

Finally a few words of note about the seminar. The majority of students who attend the seminar on Friday evening are part-time students with full-time day jobs. Many of these students drive in from Hsinchu.

Sincerely,



Jonathon David White

PS Please find attached an autobiography and speaker background that I hope to post at Yuan Ze University. Please let me know if there are any problems with the announcement.

**College of Electrical and Communication Graduate Seminar**

## **Optical Approaches in LED Solid-state Lighting**

**Speaker: Ching-Cherng Sun, Department of Optics and Photonics, NCU**

**Date: May 10, 2013 (Friday)**

**Time: 7:00 ~ 8:30 PM**

**Location: Yuan Ze University Building 7 Floor 2 Rm 70206**

### **Abstract**

We will discuss the developed optical technology for LED solid-state lighting in NCU, including photon recycling in light extraction, light source modeling based on mid-field model, phosphor modeling, and optical design for LED luminaires. Finally we will share you our thinking about best lighting in our mind.

### **About the speaker**

Ching-Cherng Sun was born in Tainan city in Taiwan. He received his BS in Electrophysics from National Chiao Tung University in 1988 and his Ph. D. in Optical Sciences, from National Central University (NCU), in Jan. 1993. He became a full professor at National Central University in 2002. In 2006, he honored with the title Distinguished Professor. His work has been widely recognized with numerous awards, such as the Optical Technology Contribution Award by the Optical Engineering Society of the ROC (2006), the Industrial Contribution Award by the Ministry of Economy Affairs of ROC (2009), the Distinguished Research Award by the National Science Council (2009), the Distinguished Technology Transfer Award by the National Science Council (2010), and Outstanding Research Award by Taiwan Information Storage Association (2012). He is currently a Fellow of both the International Society of Optical Engineering (SPIE) and Optical Society of America (OSA). His research interests are LED lighting optics, volume holographic storage, display optics, photorefractive devices, holographic optical elements, optical information processing, optical metrology, micro-optics and optical engineering.

Finally, his research group at NCU has sufficient manpower to field two baseball teams.