

Student of the Month

August 2009



Jen-Hau (Leo) Cheng

Jen-Hau (Leo) Cheng is a third-year Ph.D. student working with Professor Y.C. Lee and Professor Ronggui Yang on the study of interconnect and packaging for nanowires. He develops an atomic layer deposition enabled interconnect and packaging technology for as-grown nanowires. He also develops a photoluminescence technique to characterize the thermal performance of the nanowires interconnected. He hopes this technique can be employed in various nanowire-based devices and applications.

Leo received his B.S. in Mechanical Engineering at Tamkang University in Taiwan in 2000, and M.S. focusing on micro-fluidic devices, semiconductor manufacturing and MEMS in the Department of Engineering and System Science at National Tsing Hua University in Taiwan in 2002. He worked as a design engineer in the center of Advanced Microsystems and Packaging Technology in Industrial Technology Research Institute (ITRI) in Taiwan from 2002 to 2005, and as a senior thermal design engineer in Inventec Inc. in 2006. He became a Ph.D. student and came to CU-Boulder in fall of 2006.

During his free time, he enjoys jogging along Boulder creek, and relaxing together with his family and friends. Leo's son, Will, was born in December 2008. Now this little man likes to grab everything and then put into his mouth, and touch whatever mommy touches. Will just learned how to sit and is starting to learn how to crawl! It is so wonderful for Leo and his wife, Penny, to have Will.

