

September 1st 2015

Dear Dr. Guzmán-Cabrera,

Because of your academic trajectory, it is my pleasure to invite you to spend a research week at the Center for Optics and Photonics of the University of Central Florida, beginning this Wednesday 16th December 2015.

Our group has been exploring new ways to make integrated optical devices using non-linear materials. We apply photonic band gap structure principles to design photonic devices with new functionality. Computer simulations of new device structures are extremely important for optimizing the many parameters; cluster computing with high performance parallel techniques are being written to make realistic performance estimates. I believe that our mutual interest in nonlinear optics and pulse propagation will be an excellent basis for developing a productive and long-term collaboration.

In the past we have had a strong collaboration with the University of Guanajuato, including the one-year visit of Dr. Torres-Cisneros in 2009. We are very interested in still collaborating with your group.

The University of Central Florida is an important university; it has a strong Spanish speaking community with students from many different countries in South America, Central America and the Caribbean.

Sincerely,



Patrick LiKamWa
Associate Professor
407- 823-681