

Welcome to Karuizawa

Welcome to the 2005 IEEE Workshop on Charge-Coupled Devices and Advanced Image Sensors in Karuizawa, Nagano, Japan. The purpose of the workshop is to discuss recent research results, provide in-depth discussion of common technical issues, and stimulate thinking about new research directions and activities on image sensors.

This workshop is the tenth in a series that started in 1986 in Harriman, New York USA followed by Harriman, New York, USA in 1990(2nd), Waterloo, Ontario, Canada in 1991(3rd) and 1993(4th), Dana Point, California, USA in 1995(5th), Bruges, Belgium in 1997(6th), Karuizawa, Japan in 1999(7th), Lake Tahoe, USA in 2001(8th), Elmau, Germany in 2003(9th). Now it is well established that it continues in various locations on a biannual basis.

I would like to thank Dr. Junichi Nakamura, technical program chair and his committee for putting together an excellent, high quality technical program. This year we have 66 papers for presentation. 23 papers of the 66 accepted papers are from North America, 18 papers from Europe and 25 papers from Asia. The number of papers on CMOS sensors is much larger than that on CCD. So, we will change the name of the Workshop from 2007 as "IEEE Workshop on Image Sensors".

The Walter Kosonocky Award is started in 1999 for the memorial of the great contribution to CCD and image sensors by Dr. Walter F. Kosonocky, who passed away on November 2, 1996. The 4th Walter Kosonocky Award is awarded during the 2005 Workshop on CCD and AIS.

On behalf of 2005 IEEE Workshop on Charge-Coupled Devices and Advanced Image Sensors Committee, I would like to thank my fellow organizing committee member, Eric Fossum and Albert Theuwissen, for their continued guidance in the planning and organization of this workshop. I would also like to thank NHK Science & Technical Research Laboratories for their arranging the Pre-tour and showing us very interesting things. Thanks also to Matsushita for their support of this year's efforts.

I wish you will have a great and memorable workshop !

Nobukazu Teranishi
General Chair