

Welcome!

Dear Colleagues,

It is our great pleasure to welcome you to the 2013 International Image Sensor Workshop (IISW) at Snowbird, Utah, USA June 12-16 2013. This year's program includes 108 papers, 3 invited presentations, 59 regular presentations, 46 short posters presentations and poster viewing reception (108 papers). With an audience intentionally limited to 150 persons (and oversubscribed within hours of posting the preregistration forms on line), the high paper-count-to-audience-head-count ratio reflects the interest of the International Image Sensor Society (IISS) in creating a Workshop where most attendees are technically active in the field and willing to share their recent progress and results with their colleagues. In the same spirit, paper presentation time has been reduced relative to the allotted time slots in order to keep more time open for Q&A – a feature of the workshop that seems to be most valued by attendees. On the other hand, the Proceedings contains all 100+ papers for detailed perusal. This year the Proceedings will be available on-line, free to all, in the IISS Library within a few months after the workshop since we recognize that the image sensor specialist community is much larger than 150 persons.

One of the special highlights of this meeting is a planned presentation by Michael F. Tompsett, one of the earliest pioneers in CCD image sensors, the 2011 (US) National Medal of Technology and Innovation Laureate, and recipient of the 2012 IEEE Edison Medal. Two additional invited presentations on computational imaging and oversampled sensors promise to be interesting. This year the IISS will present four awards – the Best IISW Poster Award, the Walter Kosonocky Award for best image sensor paper published anywhere in the past two years, the Exceptional Service Award given this year to Dr. Albert JP Theuvsen for his contributions to the education of image sensor specialists, and the new Exceptional Lifetime Achievement Award, given this year to Gene Weckler in part for his seminal work on photodiode arrays and their commercialization and application.

The IISS and the IISW are completely run by volunteers in their “spare” time. We want to especially thank Dr. Gennadiy Agranov for leading and organizing the Technical Program as Chair of the Technical Program Committee. As all past TPC Chairs know, it requires a significant effort to take care of the myriad of tasks required to put together a great program, and Gennadiy was undaunted by the job at hand. We would also like to thank Lorna Baskett who provided tireless efforts in corresponding with nearly all registrants multiple times for preregistration, registration, payment and hotel accommodation planning, among other tasks.

On behalf of the Board of IISS, we also thank our institutional sponsors who provided direct financial donation and/or in-kind donation of peoples' time and services in making the Workshop a success. These sponsors are Aptina Imaging, BAE Systems, Omnivision, and the Thayer School of Engineering at Dartmouth. We also appreciate the technical co-sponsorship of ITEJ.

Thank you all for attending and making the Workshop successful!

- *Eric R. Fossum and Boyd Fowler, Co-Chairs, 2013 IISW*

Workshop Organizers

Eric R Fossum (Thayer School of Engineering at Dartmouth, USA)
Albert Theuwissen (Harvest Imaging, Belgium)
Nobukazu Teranishi (University of Hyogo / Shizuoka University, Japan)

Workshop Committee

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Boyd Fowler (BAE Systems, USA) General Co-Chair
Gennadiy Agranov (Aptina Imaging, USA) Program Committee Chair
Lorna Basket (BAE Systems, USA) Workshop Secretary/Treasurer

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