

IEEE Sensors Council

Issue Number 14 January 2012

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Sensors Council News

- **IEEE Sensors Council Annual Four Different Category Awards:**
 - **Early Career GOLD Award,**
 - **Technical Achievement Award,**
 - **Meritorious Service Award, and**
 - **IEEE Sensors Council Journal Best Paper Award.**

Nominations are due August 15th, 2012...[\(more\)](#).

IEEE Awards Program

- The 2013 IEEE Medals and Recognitions, Call for nominations are due 1 July 2012, to the IEEE Sensors Council.....[\(more\)](#)

For nomination guidelines and forms, visit <http://www.ieee.org/awards>. Questions? Contact IEEE Awards Activities, 445 Hoes Lane, Piscataway, NJ 08854 USA; tel.: +1 732 562 3844; fax: +1 732 981 9019; e-mail: awards@ieee.org

2011 Sensors Council Award Winners

- **Technical Achievement Award: Thomas W. Kenny**
- **Meritorious Service Award: Thomas F. Wiener**
- **Gold Early Caree Award: Bhaskar Choubey**
- **Best Paper Award: Chuji Wang, Armstrong Mbi, and Mark Shepherd**

For paper "A Study on Breath Acetone in Diabetic Patients Using a Cavity Ringdown Breath Analyzer: Exploring Correlations of Breath Acetone With Blood Glucose and Glycohemoglobin A1C", IEEE Sensors Journal, Vol. 10, No. 1, Jan. 2010. [\(more\)](#)

- **Best Paper Runner-Up Award: Anuj Dhawan, Yan Du, Fei Ya, Michael D. Gerhold, Veena Misra, and Tuan Vo-Dinh**

For paper "Methodologies for Developing Surface-Enhanced Raman Scattering (SERS) Substrates for Detection of Chemical and Biological Molecules", IEEE Sensors Journal, Vol. 10, No. 3, March 2010.

2010 Sensors Council Award Winners

- **Technical Achievement Award: Brian Cunningham**
- **Meritorious Service Award: Michiel Vellekoop**
- **Gold Early Caree Award: Ville Viikari**
- **Best Paper Award: G.M. Hwang, L. Pang, E.H. Mullen, and Y. Fainman.**

For paper "Plasmonic Sensing of Biological Analysis Through Nanoholes", IEEE Sensors Journal, Vol. 8, No. 12, pp. 2074-2079, Dec. 2008. [\(more\)](#)

- **Best Paper Runner-Up Award: L. Luan, R.D. Evans, N.M. Jokerst, and R.B. Fair**

For paper "Integrated Optical Sensor in a Digital Microfluidic Platform", IEEE Sensors Journal, Vol. 8, pp. 628-635, May-June 2008.

Sensor Conferences

- [IEEE SENSORS 2009: The 8th IEEE Conference on Sensors, Christchurch, New Zealand: Oct. 25th - 28th, 2009....\(more\)](#)
- [IEEE SENSORS 2010: The 9th IEEE Conference on Sensors, Waikoloa, Hawaii: Nov. 1 – 4, 2010...\(more\)](#)
- [IEEE SENSORS 2011: - The 10th IEEE Conference on Sensors, Limerick, Ireland: Oct. 28-31, 2011\(more\)](#)
- [IEEE SENSORS 2012: The 11th IEEE Conference on Sensors, Taipei International Convention Center, Taipei, Taiwan, Oct 28-31, 2012 \(<http://www.ieee-sensors2012.org> \)....\(more\)](#)
- [IEEE SENSORS 2013: The 12th IEEE Conference on Sensors, Baltimore, MD, USA, Nov 3-6, 2013 \(<http://www.ieee-sensors2013.org>\) \(more\).](#)

Terahertz Conferences

- **The 36th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz), IRMMW-THz 2011**, 10/2-7/2011, Houston, Texas, USA.
- **International THz Conference** - November 24-25, 2011 – Villach, Austria.
- **The 37th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz), IRMMW-THz 2012**, 09/23-28/2012, University of Wollongong, Wollongong, NSW, Australia.
- **The 38th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz), IRMMW-THz 2013**, 09/01-06/2013, Mainz, Germany.

Sensor Books (Amazon)

1. Bolometers: Theory, Types and Applications (Physics Research and Technology) [Hardcover], Torrence M. Walcott (Editor) , Publisher: Nova Science Pub Inc (May 30, 2011).
2. Terahertz Technology: Fundamentals and Applications (Lecture Notes in Electrical Engineering) [Hardcover], Ali Rostami (Author), Hassan Rasooli (Author), Hamed Baghban (Author), Publisher: Springer; 1st Edition. edition (January 12, 2011).
3. Terahertz Radiation: High-impact Emerging Technology - What You Need to Know: Definitions, Adoptions, Impact, Benefits, Maturity, Vendors [Paperback], Kevin Roebuck (Author) , Publisher: Tebbo (May 10, 2011).
4. Terahertz Science And Technology For Military And Security Applications (Selected Topics in Electronics and Systems) [Hardcover] Dwight L. Woolard (Author, Editor), James O. Jensen (Editor), R. Jennifer Hwu (Editor), Michael S. Shur (Editor) , Publisher: World Scientific Publishing Company (September 27, 2007).
5. Optical Nano and Micro Actuator Technology [Hardcover], George K. Knopf (Editor), Yukitoshi Otani (Editor), Publisher: CRC Press; 1 edition (June 26, 2012).
6. Piezoelectric Actuators (Electrical Engineering Developments) [Hardcover], Joshua E. Segel (Editor), Publisher: Nova Science Pub Inc (October 25, 2011).
7. Next-Generation Actuators Leading Breakthroughs [Hardcover] , Toshiro Higuchi (Editor), Koichi Suzumori (Editor), Satoshi Tadokoro (Editor), Publisher: Springer; 1st Edition. edition (February 18, 2010).

8. Smart Sensors and Sensing Technology (Electrical Engineering Developments) [Hardcover], Daniel E. Suarez (Editor), Publisher: Nova Science Pub Inc (April 2011).
9. Integrated Smart Sensors: Design and Calibration (The Springer International Series in Engineering and Computer Science) [Paperback], Gert van der Horn (Author), Johan Huijsing (Author), Publisher: Springer; Softcover reprint of hardcover 1st ed. 1998 edition (December 9, 2010).
10. High-Accuracy CMOS Smart Temperature Sensors (The Springer International Series in Engineering and Computer Science) [Paperback], Anton Bakker (Author), Johan Huijsing (Author), Publisher: Springer; Softcover reprint of hardcover 1st ed. 2001 edition (December 10, 2010).
11. Precision Temperature Sensors in CMOS Technology (Analog Circuits and Signal Processing) [Paperback], Micheal A.P. Pertijs (Author), Johan Huijsing (Author), Publisher: Springer; Softcover reprint of hardcover 1st ed. 2006 edition (November 24, 2010).
12. Smart Sensing Technology for Agriculture and Environmental Monitoring (Lecture Notes in Electrical Engineering) [Hardcover], Subhas C Mukhopadhyay (Editor), Publisher: Springer; 2012 edition (January 31, 2012).
13. Piezoelectric Transducers for Vibration Control and Damping (Advances in Industrial Control) [Paperback], S.O. Reza Moheimani (Author), Andrew J. Fleming (Author), Publisher: Springer; Softcover reprint of hardcover 1st ed. 2006 edition (December 10, 2010).
14. The Internet of Things: Key Applications and Protocols [Hardcover], Olivier Hersent (Author), David Boswarthick (Author), Omar Elloumi (Author), Publisher: Wiley; 2 edition (February 1, 2012).
15. Focal-Plane Sensor-Processor Chips [Hardcover], Ákos Zarándy (Editor), Publisher: Springer; 1st Edition. edition (March 8, 2011).
16. Silicon Carbide Microsystems for Harsh Environments (MEMS Reference Shelf) [Hardcover], Muthu B.J. Wijesundara (Author), Robert Azevedo (Author), Publisher: Springer; 1st Edition. edition (May 30, 2011).