

## **IEEE Medals - Muriel to present.**

*Muriel asks to hold applause .*

At the IEEE Honors Ceremony recently held on June 30 in Boston, the IEEE presented a number of awards, including IEEE Medals. IEEE Medals are the highest awards in the hierarchy of IEEE recognitions, and our Society, although it represents just 1% of the total IEEE membership, is once again very well represented among the recipients. Please hold your applause until I have finished announcing the medal recipients.

### **IEEE Richard W. Hamming Medal**

*(for exceptional contributions to the advancement of communications sciences and engineering, sponsored by Alcatel-Lucent Bell Labs)*

#### **Michael G. Luby and Amin Shokrollahi**

For the conception, development, and analysis of practical rateless codes.

### **IEEE Alexander Graham Bell Medal**

*(for exceptional contributions to information sciences, systems and technology, sponsored by QUALCOMM, Inc.)*

#### **Leonard Kleinrock**

For pioneering contributions to modeling, analysis, and design of packet-switching networks.

### **IEEE Jack S. Kilby Signal Processing Medal**

*(For outstanding achievements in signal processing, sponsored by Texas Instruments Inc.)*

#### **Clifford Carter**

For contributions to the fundamentals of coherence and time-delay estimation and to underwater acoustics signal processing.

If any are present, have them rise. Let's have round of applause in honor of these distinguished medal recipients.

## **2012 IEEE Awards - Muriel to present**

IEEE-wide Awards are another way in which technical contributions are recognized. I shall announce the members of our Society who are winners of awards. While most of these awards are being presented at other venues, we are honored today that the Resnik award will be presented later today in the course of this awards lunch.

### **IEEE Koji Kobayashi Computer and Communications Award**

**Jean Walrand**

For contributions to the theory and algorithms for high-speed switching and network resource allocation.

### **IEEE Eric E. Sumner Award**

**Jack H. Winters**

For contributions to the theory and application of multiple-antenna systems in wireless communications.

### **IEEE Kiyo Tomiyasu Award**

**Mung Chiang**

For demonstrating the practicability of a new theoretical foundation for the analysis and design of communication networks.

### **IEEE Judith A. Resnik Award -point out to stay tuned for later in this ceremony**

**Pramod K. Varshney**

For contributions to and leadership in the theory and practice of multisensor data fusion for aerospace and bioengineering applications.

### **IEEE Donald G. Fink Prize Paper Award**

**Kannan Krishnan**

“Biomedical Nanomagnetism: A Spin Through Possibilities in Imaging, Diagnostics and Therapy”, *IEEE Transactions on Magnetics* Vol. 46, No. 7, July 2010, pp. 2523-2558.