

# INSPIRING our LEADERS of TOMORROW

## IEEE AWARDS PROGRAM

*23 August & 24 August*

*Lewis M. Terman*

**IEEE**  
SECTIONS  
CONGRESS  
/// 2014

# IEEE Awards Board

## Who We Are & What We Do

The IEEE Awards Program preserves an awards portfolio that recognizes excellence in our technical and professional communities worldwide.

Our mission is to celebrate technological triumphs and the people who make them in our fields, to inspire future generations of innovators and innovations



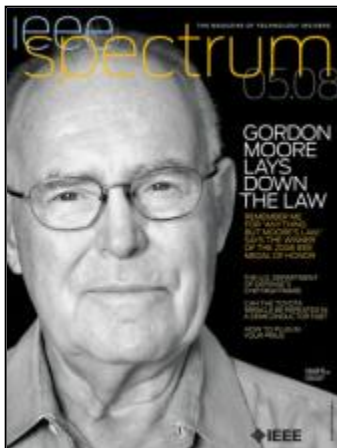
# IEEE Awards Program - Celebrating Innovation

- In a tradition dating back to 1917 and the IEEE's predecessor the IRE, the Medal of Honor has recognized giants within the technology community...

2008

## Gordon E. Moore

MOMOS memory, the microprocessor, Moore's Law and the semiconductor industry



1991

## Leo Esaki

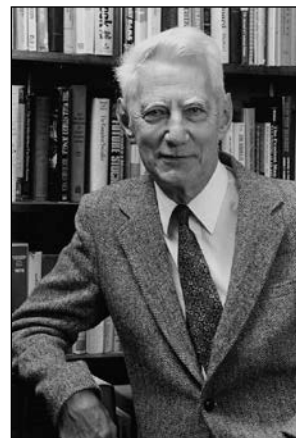
Tunneling theory, semiconductor superlattices, and quantum wells



1966

## Claude E. Shannon

Created Information Theory



1920

## Guglielmo Marconi

Pioneering work in radio telegraphy



# IEEE Awards Program - celebrating Innovation

► ...and continues to do so even today

2011

**Morris Chang**

Outs Leadership in the semiconductor industry



2012

**John L. Hennessy**

Reduced Instruction Set Computer processor, computer engineering and education



2013

**Irwin M. Jacobs**

Leadership in digital communications and wireless technology



2014

**B. Jayant Baliga**

Invention, implementation, and commercialization of power semiconductor devices



# IEEE Honors Ceremony Saturday, 23 August

**Leaders and Legends of Technology  
from all over the World will be celebrated  
at the IEEE Honors Ceremony.**

An exciting event, honoring recipients in such areas as power, global information access, the genetic code, wireless communications, education and numerous other areas.

*The IEEE Honors Ceremony  
is streamed LIVE  
every year via IEEE.tv*

[www.ieee.tv](http://www.ieee.tv)



# New Plans for the IEEE Honors Ceremony 2015-2016

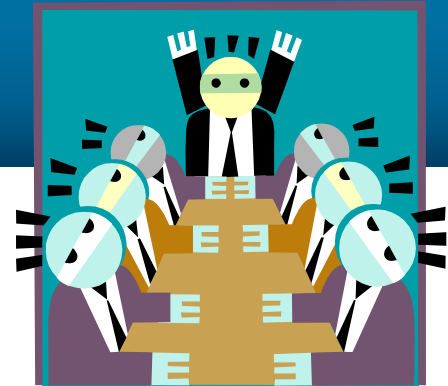
2015 Honors Ceremony  
Waldorf Astoria, NYC

2016 Honors Ceremony  
"An IEEE Signature Event"  
California

*Stay tuned for more information!*

[www.ieee.org/awards](http://www.ieee.org/awards)

# IEEE Awards Board



- ▶ What Are We Responsible For?
  - An awards portfolio that recognizes excellence across our technical and professional communities worldwide
  - Recognizing the [innovators](#) and the [innovations](#) in our fields that have impacted the world
  - Providing Guidance to OU, Section, and Region Awards Programs

# IEEE Awards Board

- ▶ Deliver a “Best-In-Class” user experience
- ▶ Increase nimbleness and operational efficiencies
  - AB Strategic Planning initiatives
  - Enhance relationships across all IEEE awards programs
  - Evaluate current award processes and identify best practices
- ▶ Build relationships to ensure our long-term future
  - Strengthen existing and build new relationships with award sponsors, technology companies/industry leaders
- ▶ Elevate the visibility of all the Award presentations in our portfolio, and specifically the IEEE Honors Ceremony



# IEEE-Level Awards

*Every year, on behalf of the IEEE Board of Directors, the Awards Board and its 500+ volunteers handle the evaluation, selection, and presentation of more than 60 awards.*

## IEEE-Level Awards Portfolio consists of:

**Medal of Honor (1)**

**Medals (15)**

**Technical Field Awards (33) and  
Recognitions (10)**

[Service Awards, Honorary Membership, Corporate Recognition,  
JANS, Prize Papers]

# The IEEE Awards Hierarchy

## *IEEE-Level Awards*



Society, Technical Council, Major Board,  
Region, Division Awards

Technical Conference Awards

Area, Geographical Council,  
Conference Section, Chapter Awards

Student Branch, Student Branch Chapter Awards

# Submit a Nomination

## - *Identify and Nominate* -

- ▶ Identify worthy nominees for IEEE-Level Medals and Awards:
  - Please nominate and encourage others to nominate
  - Elevate your Fellow, Society/Council and OU recipients by nominating them for a TFA or Medal



## Some Areas of Recognition....

Biomedical Engineering, Communications, Computers and Related Technologies, Control and Information, Education, Environmental & Safety, Healthcare, Materials, Microelectronics, Photonics, Power Engineering, Robotics, Signal Processing, Systems, Transportation, Sustainability, Emerging Technologies  
...and MORE

# IEEE Awards Web Page - A Great Resource for Nominations



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## IEEE Medals, Technical Field Awards, and Recognitions



B. Jayant Bellig, Distinguished University Professor at North Carolina State University, Raleigh, USA and 2014 IEEE Medal of Honor recipient.

The IEEE Awards Board (AB) administers the highest medals, awards, and recognitions presented by IEEE. Through its Awards Program, IEEE advances the interests of its members by recognizing their contributions in advancing the fields of interest to IEEE to the benefit of society. By this means, the image and prestige of the organization, its members, and the profession are all enhanced. The IEEE Awards Program honors members and other professionals for their service to society.

For nearly a century, the IEEE and its predecessor societies, the American Institute of Electrical Engineers and the Institute of Radio Engineers, have paid tribute to technologists who have impacted technology, society, and the engineering profession. Nominate a colleague for one of IEEE's most prestigious honors.

The IEEE Medals, Awards, and Recognitions are sponsored by some of the world's leading corporations, foundations, and individuals who support IEEE's fields of interest.

- ▶ Learn about the IEEE Awards Program
- ▶ Search for IEEE-level award recipients
- ▶ View archived video from Honors Ceremonies

### On this Page:

- ▶ Nominate for IEEE Medals, Technical Field Awards, and Recognitions
- ▶ Presentation of IEEE Medals, Technical Field Awards, and Recognitions

### IEEE Medals & TFA Recipients Announced

- ▶ 2014 IEEE Medal and Recognition Recipients
- ▶ 2014 IEEE Technical Field Award Recipients

### Awards Nomination Deadlines

- 31 January
  - ▶ Technical Field Awards
- 1 July
  - ▶ Medals
- 1 July
  - ▶ Recognitions
- 15 November
  - ▶ Fortescue Scholarship
  - ▶ Life Members Fellowship

### 2013 IEEE Honors Ceremony



▶ PLAY VIDEO

[www.ieee.org/awards](http://www.ieee.org/awards)

# IEEE-Level Nomination Review and Approval Process



# Get Involved with the IEEE Awards Board

- ▶ Nominate yourself or someone else to volunteer on a selection committee or the AB
- ▶ Support us in the ongoing analysis and strategic planning initiatives
- ▶ Contact the IEEE Awards Staff:  
+1 732 562 3844  
[awards@ieee.org](mailto:awards@ieee.org)



Questions?

Comments?