

# IEEE ELECTRON DEVICES SOCIETY

*Promoting excellence in the field of  
electron devices for the benefit of  
humanity*



# Electron Devices Society

## Mission Statement

To foster professional growth of its members by satisfying their needs for easy access to and exchange of technical information, publishing, education, and technical recognition and enhancing public visibility in the field of Electron Devices

# EDS Field of Interest

- ❑ The field of interest for EDS is all aspects of engineering, physics, theory, experiment and simulation of electron and ion devices involving insulators, metals, organic materials, plasmas, semiconductors, quantum-effect materials, vacuum, and emerging materials.
- ❑ Specific applications of these devices include bioelectronics, biomedical, computation, communications, displays, electro and micro mechanics, imaging, micro actuators, optical, photovoltaics, power, sensors and signal processing.

# EDS AdCom Positions

Category	No. Positions
Officers	4
Elected Members	22*
Jr. & Sr. Past Presidents	2
Standing Committee VPs and Chairs/Members	19 /192
Technical Committee Chairs/Members	15 / 124
Publication Editor-In-Chiefs	21
Publication Representatives	29
IEEE Representatives	15
Chapter Chairs	162
IEEE Division I Director & IEEE Staff	12
<b>Total AdCom Positions</b>	<b>617</b>

\*Must include at least two members from Regions 1-6, Regions 7 & 9, Region 8, Region 10, and at least one GOLD member.



# EDS Society Officers and Past Presidents, 2012 - 2013

<u>Positions</u>	<u>Individual/Affiliation</u>
President	Paul Yu University of California, San Diego, CA, USA
President-Elect	Albert Wang University of California, Riverside, CA, USA
Treasurer	Ravi Todi IBM Microelectronics, Hopewell Junction, NY, USA
Secretary	Fernando Guarin IBM Microelectronics, Hopewell Junction, NY, USA
Jr. Past President	Renuka P. Jindal Univ. of Louisiana at Lafayette, Lafayette, LA, USA
Sr. Past President	Cor L. Claeys IMEC, Leuven, Belgium

# EDS Executive Office

## Established

August 1990

## Number of Employees

7 Full-Time & 2 Part-Time

Provides administrative support for society programs and activities covering the following subject areas:

- AdCom
- Administration
- Awards
- Chapters
- Finance
- Membership
- Newsletter
- Publications
- Technical Meetings
- Web-Site

# What We Do

## Conferences

- IEEE International Electron Devices Meeting (IEDM)
- IEEE Photovoltaic Specialists Conference (PVSC)
- Distinguished Lecturer Workshops and Mini Colloquia
- Over 100 other conferences worldwide each year

## Publications

- *Transactions on Electron Devices*
- *Electron Device Letters / Electron Devices Express, coming in 2011*
- *Transactions on Devices and Materials Reliability*
- *Journal of Photovoltaics*

## Networking

- EDS supports 160 chapters worldwide
- Chapters: 56 in the Americas; 43 in Europe, Africa, & the Middle East; and 51 in Asia and the Pacific

## Awards and Recognition

- EDS distributes over \$40,000 annually in awards and fellowships to both professionals and students.

# Why Join?

- **Free on-line access to the following EDS publications**
  - *IEEE Electron Device Letters* (1980 - present)
  - *IEEE Trans. on Electron Devices* (1954 - present)
  - *IEEE International Electron Devices Meeting* (1955 - present)
  - *IEEE/OSA Journal of Lightwave Technology*
- **QuestEDS**
  - Submit questions online consistent with the EDS field of interest and can view online the answers provided by experts in the field.  
<http://www.ieee.org/go/questeds>
- **Discounts on IEEE and EDS conferences and publications**
- **Additional benefits included with EDS membership**
  - Access to Webinars and other members-only content on EDS site
  - EDS Member Roster (on-line at [www.ieee.org/eds/roster](http://www.ieee.org/eds/roster))
  - EDS Newsletter (on-line at [www.ieee.org/eds/newsletter](http://www.ieee.org/eds/newsletter))
  - Ability to purchase the EDS Archival DVD
  - Free copy-editing service for manuscripts accepted to EDS publications



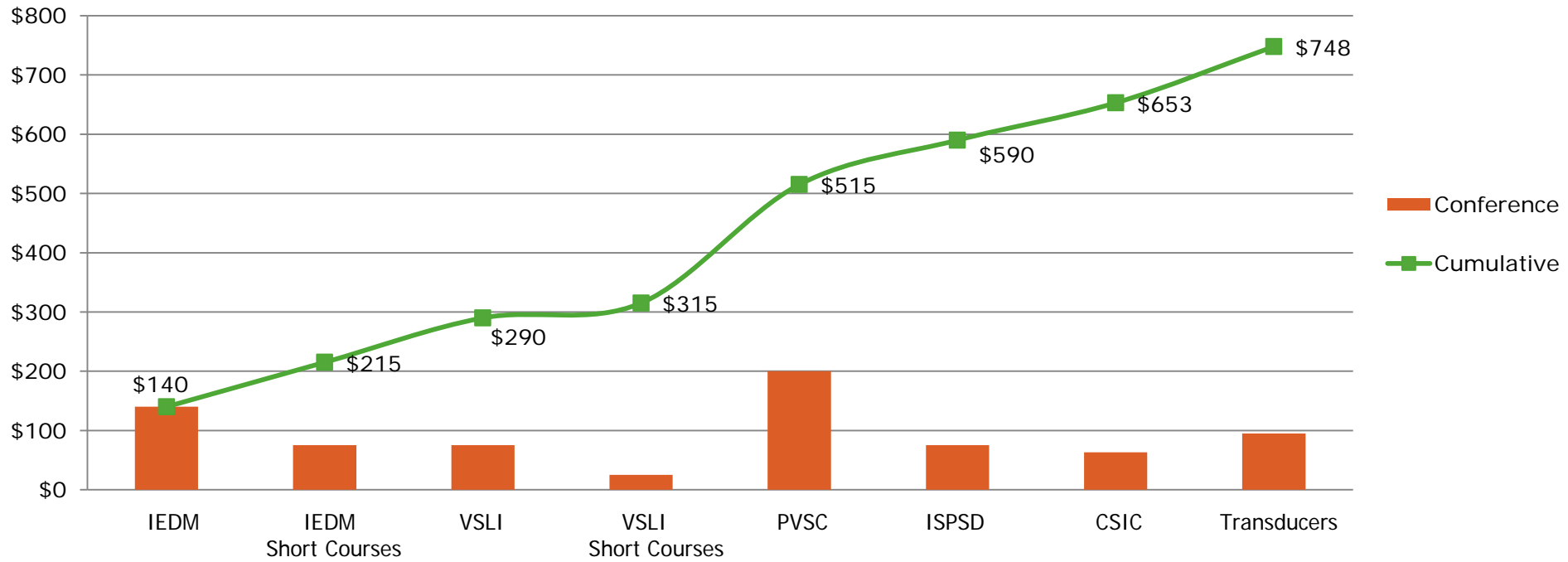
# Why Join?

## BE PART OF THE COMMUNITY!

- Join the 10,000+ EDS Members with 160 chapters worldwide
- Network with peers from across industries and sectors
- Share in the stewardship of EDS

# How Much You Save

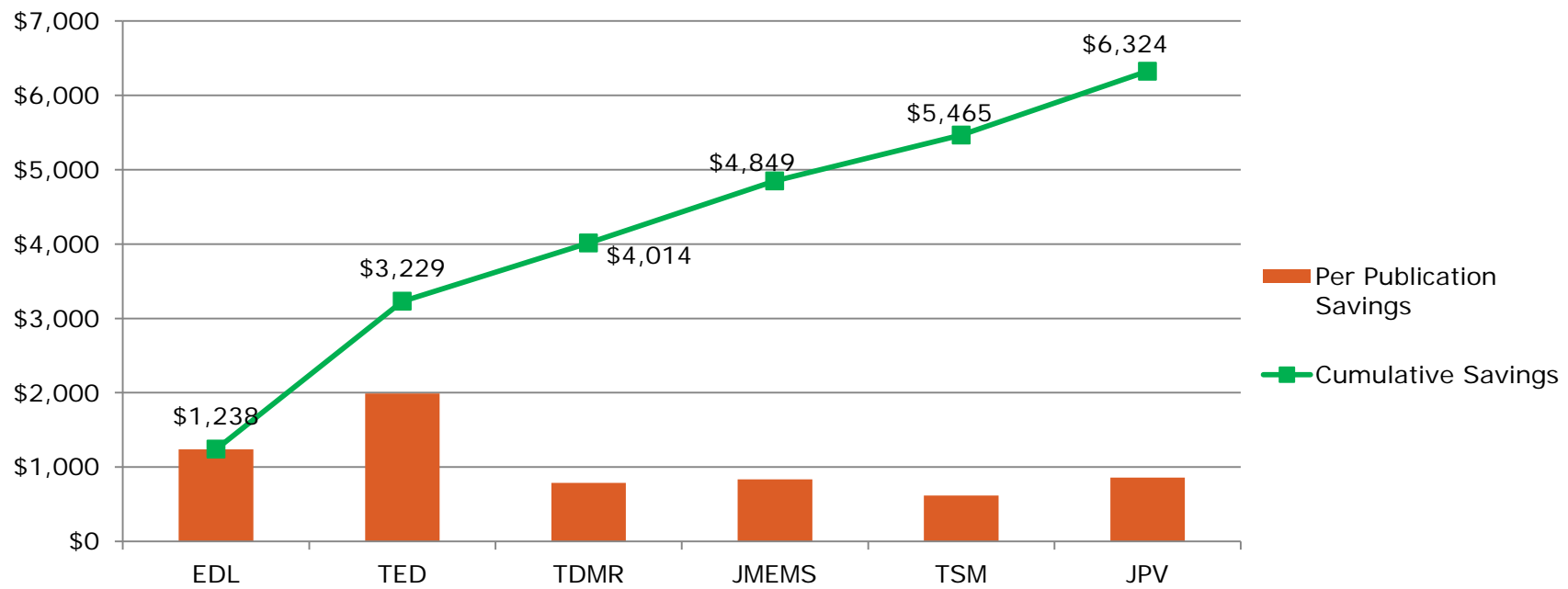
**Annual Savings on Conferences for  
\$15 EDS and \$181 IEEE Membership Fee (Professionals)  
\$8 EDS and \$32 IEEE Membership Fee (Students) \***



\* 2011 Figures

# How Much You Save

**Annual Savings on Journals for  
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\$8 EDS and \$32 IEEE Membership Fee (Students)**



# EDS Celebrated Members

When you're a member,  
you're in good company.

Our 10,000+ members  
include undergraduate  
students, academics,  
industry leaders, and  
recent Nobel Laureates  
such as George Smith and  
Herb Kroemer.

Long-time EDSers, George  
and Herb became our first  
two Celebrated Members in  
2010.



(l-r)  
Dr. Herb Kroemer  
Dr. George E. Smith



# EDS Membership Info

2012 Membership Fee: \$15 (\$8 students) per year

## To Learn more:

- Visit [www.ieee.org/eds](http://www.ieee.org/eds)
- Contact the EDS Executive office:  
IEEE Operations Center  
EDS Executive Office  
445 Hoes Lane  
Piscataway, NJ 08854, USA  
Email: [eds@ieee.org](mailto:eds@ieee.org)