

The IEEE Awards Program  
Lewis Terman  
IEEE Awards Board Chair  
Region 8 Meeting  
April 20-21, 2013  
Madrid, Spain



- Why Awards are important
- Objectives of the IEEE Awards Program
- The IEEE Awards Hierarchy
- We need your support and activity
- What you can be doing....

- Honor those who discover, develop and deliver the key advances in technology
- Recognize innovations, influence and impact
- Celebrate accomplishments
- Provide the highest level of peer recognition
- Inspire excellence ➡ Create Role Models

*To recognize the Giants, and their impact,  
upon whose shoulders the next generation  
of Giants will stand to see even further....*

- Have a portfolio of awards which, as a whole, covers the current IEEE Fields of Interest, and provides timely recognition of outstanding advances
- Secure a solid flow of qualified nominees, and ensure that those who should be nominated are nominated
- Create and/or discontinue awards as appropriate
- Ensure continued funding for awards
- Increase recognition of IEEE and its Awards through appropriate presentations and public visibility efforts.

- Medal of Honor
- Medals
- Technical Field Awards, Joint IEEE Awards with National Societies, IEEE Recognitions

***NOTE:*** 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

- Major Board, Region and Division, Society and Technical Council Awards
- Technical Conference Awards
- Area, Geographical Council or Conference Section, Chapter Awards
- Student Branch, and Student Branch Chapter Awards

***1000 +***

***???***

- Overall, there are more than **1000** IEEE Awards
  - **Not including Fellows**
- The Awards Board administers the highest IEEE awards in the overall portfolio that are presented on behalf of the BoD:
  - 16 Medals (including the Medal of Honor)
  - 34 Technical Field Awards (TFAs)
  - 10 Recognitions
    - Service Awards
    - Prize Paper Awards
    - Corporate Recognitions
    - JANS, Honorary Membership

- There are about 60+ recipients of IEEE's highest awards from  $\sim 350$  nominations annually
- Each year, there are  $\sim 1,000$  Fellow nominations, with  $\sim 300$  successful





**NOMINATE!!**

(It's

What... Me  
***NOMINATE???***







**Oh...I am too Humble to nominate**

- You **ALL** know someone who is qualified and who should be nominated for an award in the IEEE Award hierarchy

**Society/Council Award recipients**



**Technical Field Award recipients**



**Potential candidates for an IEEE Medal**

- Use existing nominations as the foundation for the new nomination
- And... a ***Fellow nomination*** can serve as the base for any of these awards.

# ***NOMINATE!!***

## ***REMEMBER...***

- Once there is a nomination at one level in the hierarchy, a nomination at the next level up becomes much easier
- A Fellow nomination forms the basis for IEEE TFA or Medal nominations
  - There are approximately 6,800 IEEE Fellows => a large pool of potential award candidates

## Some important URLs:

- IEEE awards list/descriptions

<http://www.ieee.org/about/awards>

<http://www.ieee.org/about/awards/medals>

<http://www.ieee.org/about/awards/tfas>

<http://www.ieee.org/about/awards/recognitions>

- IEEE Awards Recipient Data Base:

[http://www.ieee.org/about/awards/awards search.pdf](http://www.ieee.org/about/awards/awards_search.pdf)

➔ Right click – insert name in field in upper right corner

- TFAs 31 January
- Medals 1 July
- Recognitions (Service Awards  
Corporate Recognitions, Prize Papers) 1 July
- Prize Papers 1 July
- Fellowship, Scholarship 15 November

- Holistic analysis of awards and recognitions across IEEE began in the 4<sup>th</sup> quarter of 2012
- Objective: to identify best practices/recommendations for enhancing the prestige and visibility of the overall IEEE Awards Program
- Currently in the discovery phase:
  - Meetings with staff and volunteers who support awards activities across IEEE to gather information on:
    - Nomination processes, selection committee activities, evaluation processes, presentations, funding
- Preliminary results → possibly by year end



- To supplement the IEEE-Wide Awards Study
- Think about:
  - Does the IEEE-Level Award portfolio adequately cover the IEEE Fields of Interest?
  - Your view of the overall IEEE Awards Program?
- A survey will be forthcoming in the near future


You can nominate someone for an IEEE-Level Award!!

The Awards Program is essential to IEEE's core purpose:

*To foster technological  
innovation and excellence  
for the benefit of humanity*

A close-up of Yoda, the green-skinned character from Star Wars, wearing his characteristic brown robes and hood. He has a white beard and is looking slightly to the right with a serious expression. He is holding a blue lightsaber, which is illuminated and extends vertically from his hand. In the upper right corner, there is a white speech bubble with a red border containing the text "Make a nomination, Luke!". The background is dark and out of focus, suggesting an indoor setting.

***Make a  
nomination,  
Luke !***

A close-up of Yoda, the green-skinned character from Star Wars, wearing his characteristic brown robes and hood. He has a white beard and is looking slightly to the right with a serious expression. He is holding a blue lightsaber, which is illuminated and extends vertically from his hand. In the upper right corner, there is a white speech bubble with a red border containing the text 'Hacer una nominación, Lucas!'. The background is dark and out of focus, suggesting an indoor setting.

*Hacer una  
nominación,  
Lucas!*

# IEEE Fellow Nominations

Lew Terman  
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# IEEE Fellow Nominations

## **Work with the nominee**

- Get the nominee's CV
- Get a list of publications and patents
- Talk, exchange emails, **INTERACT!!**
- Leave yourself enough time
  - **Deadline is March 1**
  - Fellows nominations are done online
- Line up references early
  - They may have suggestions...
- Results announced after the November IEEE BoD meeting

...FYI, Fellow and IEEE-level award nominations are similar

*The nomination form...*

***...is only 4 pages!***

## For a *FELLOW* nomination.....

**IEEE FELLOW GRADE NOMINATION FORM**

**1. NOMINEE INFORMATION**

Last Name (Family) *First Middle Initial* *Prefix*

Organization's Name (if self-employed, please indicate) *Organization's Address*

*Education/Industry/Government/Other*

Preferred Mailing Address:

City: State/Province: Zip/Postal Code: Country:

Telephone # Fax# Email: IEEE Member Number:

**2. EDUCATION**

Degrees	Year	Educational Institution	Location
PhD			
Masters			
Bachelor's/First Degree			

**3. PROFESSIONAL HISTORY**

From: year to: year	Name of Company	Position Held

**4. PROPOSED CITATION**

**5. NOMINATOR INFORMATION**

Last Name (Family) *First Middle Initial* *Prefix*

Organization's Name: Preferred Mailing Address:

City: State/Province: Zip/Postal Code: Country:

Telephone # Fax# Email:

**6. CONTRIBUTION CATEGORY**

Identify the category in which the nominee has made significant contribution that would qualify nominee for Fellow grade.

Application Engineer/Practitioner Educator Research Engineer/Scientist Technical Leader

**→ Contribution Category:**

Explain how the nominee's contributions have contributed to the advancement or application of engineering, science and technology. Explain how these contributions of unusual distinction have had a lasting impact on society. Identify specific attributes of the nominee's contributions that qualify nominee for elevation to Fellow, and why the nominee ranks near the top of those in his/her discipline. (Not more than 100 words)

a) Application Engineer/Practitioner  
b) Educator c) Research Eng./Scientist  
d) Technical Leader

**→ 6a. Relationship:** how you *PERSONALLY* became aware of accomplishments (max. 100 words)

Explain how the nominee's one or two most distinctive contributions have contributed to the advancement or application of engineering, science and technology. Explain how these contributions of unusual distinction have had a lasting impact on society. Identify specific attributes of the nominee's contributions that qualify nominee for elevation to Fellow, and why the nominee ranks near the top of those in his/her discipline. (Not more than 750 words)

**→ 6b. Nominees most distinctive and important contributions**  
(max. 750 words)



#### 7. EVIDENCE OF TECHNICAL ACCOMPLISHMENTS (max. 1000 words)

Supply the following information in two parts. PART 1: List the three most important items of tangible and verifiable evidence of technical accomplishments identified in section 5b, such as: technical publications; technical reports and presentations; patents; development of products, applications and systems; and, application of facilities and services. In sentence form, state the engineering significance and lasting societal impact of each. PART 2: List not more than 10 additional items, subdivided into distinct areas of contributions. In sentence form, identify the significance and impact of each. (See item 7 in the instructions for samples of documenting accomplishments.) List titles of publications in English. Do NOT include Chinese in sections.

### **7. Supporting Evidence:**

- *Papers*
- *Presentations*
- *Patents*
- *Programs*
- *Products*
- *Pedagogy*
- *Pilotage (Leadership)*

### **In two sections:**

- *The 3 most important*
- *Up to 10 more*

**Max 1000 words**

#### 8. IEEE AWARDS, OFFICES HELD, COMMITTEES, MEMBERSHIPS, etc. (max. 1000 words)

### **8. IEEE Awards, Offices Held, Committees, etc.**

#### 9. NON-IEEE ACTIVITIES, AWARDS, PROFESSIONAL SOCIETY MEMBERSHIPS, COMMITTEES, MEMBERSHIPS, etc. (max. 1000 words)

### **9. Non-IEEE Activities, Awards, etc.**

#### 10. REFERENCES (The following is a sample of a reference. Do not include references to IEEE publications.) Note: Sometimes companies, universities, and government agencies block an email from being delivered. When inserting an email address for a reference or endorser, it is advisable that you input a personal email address such as Yahoo, AOL, Gmail, or MSN, so that you do not encounter any issues.

1. **10. References**
2. **IEEE Fellows**
3. **Min 5, Max 8**
- 4.

#### 11. ENDORSEMENTS (OPTIONAL) (Maximum of 1000 words) (Do not include references to IEEE publications.)

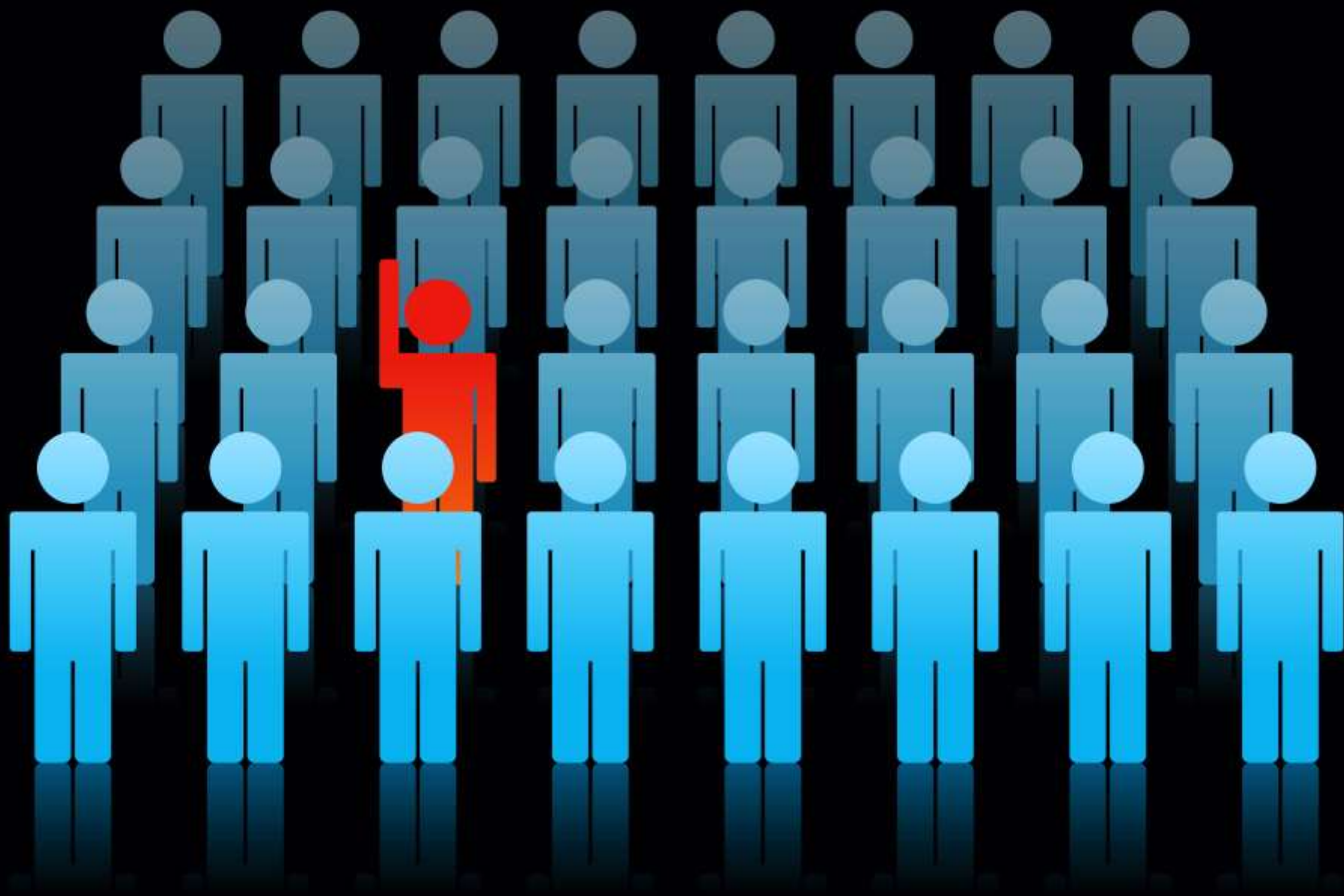
1. **11. Endorsements**
2. **IEEE Section, Chapter, Committee, non-IEEE individuals**

RETURN TO: IEEE SOCIETY/TECHNICAL COUNCIL Awards Office. Do not submit this nomination form to IEEE Headquarters or the IEEE Society/Council Awards Office. Do not submit this nomination form to IEEE Headquarters or the IEEE Society/Council Awards Office. Do not submit this nomination form to IEEE Headquarters or the IEEE Society/Council Awards Office.

Name of IEEE Society/Technical Council to Evaluate Fellow Nominee (one only):

## 12. Which Society/Council to evaluate?

NOTE: If this above nominee is elevated to Fellow grade, the nominator agrees to release the contents of this form to authorized IEEE committees of the Awards Board for the purpose of recommending nominees for IEEE Awards. Only this nomination form will be released for this purpose.



# *Go For It !!*

***FELLOWS PAGE – Google “IEEE Fellows”***

[http://www.ieee.org/membership\\_services/membership/fellows/index.html](http://www.ieee.org/membership_services/membership/fellows/index.html)

***FELLOWS LIST – Google “IEEE Fellows List”***

[http://www.ieee.org/membership\\_services/membership/fellows/fellows\\_list.html](http://www.ieee.org/membership_services/membership/fellows/fellows_list.html)

**Do It!!**

*Questions?*

*Thanks for your attention!!*