



President-elect Candidate Introduction

Moshe Kam

www.MosheKam.org



Biography

- **Electrical Engineer with 33 years of experience**
 - First job (1976): Technical Officer – communication systems
 - Current job (2008): Department Head, Electrical and Computer Engineering Department, Drexel University



Biography



- **Principal Investigator on 25 technical projects**
 - Funded by NSF, ONR, NSWC, US Army CERDEC, Lockheed Martin, Honeywell
- **IEEE Fellow; PhD; P.E.; NSF Presidential Young Investigator**
 - Advised to completion 18 PhD and about 60 MS students
 - Authored or co-authored more than 100 publications

IEEE Volunteer

- **30 years of volunteerism for IEEE**
 - **Director of Region 2 (Eastern USA)**
 - **Vice President, Educational Activities**
 - **Chair**
 - **New Initiatives Committee**
 - **IEEE Audit Committee**
 - **Membership Development Committee**
 - **Committee on Global Accreditation Activities**
 - **Chair, IEEE Philadelphia Section**
 - **Chair, Committee on relationship with Eta Kappa Nu**



IEEE Accomplishments: Education



- **Pre-university: TryEngineering.org**
 - For students, parents, teachers and school counselors
- **Pre-university: [Teacher In Service Program](#)**
 - Internationalization and expansion
- **University educators: Accreditation.org**
- **University accreditation: IEEE Accreditation activities in the [United States](#), [Peru](#), the [West Indies](#) and [China](#)**

Accreditation Workshop: Beijing 2006

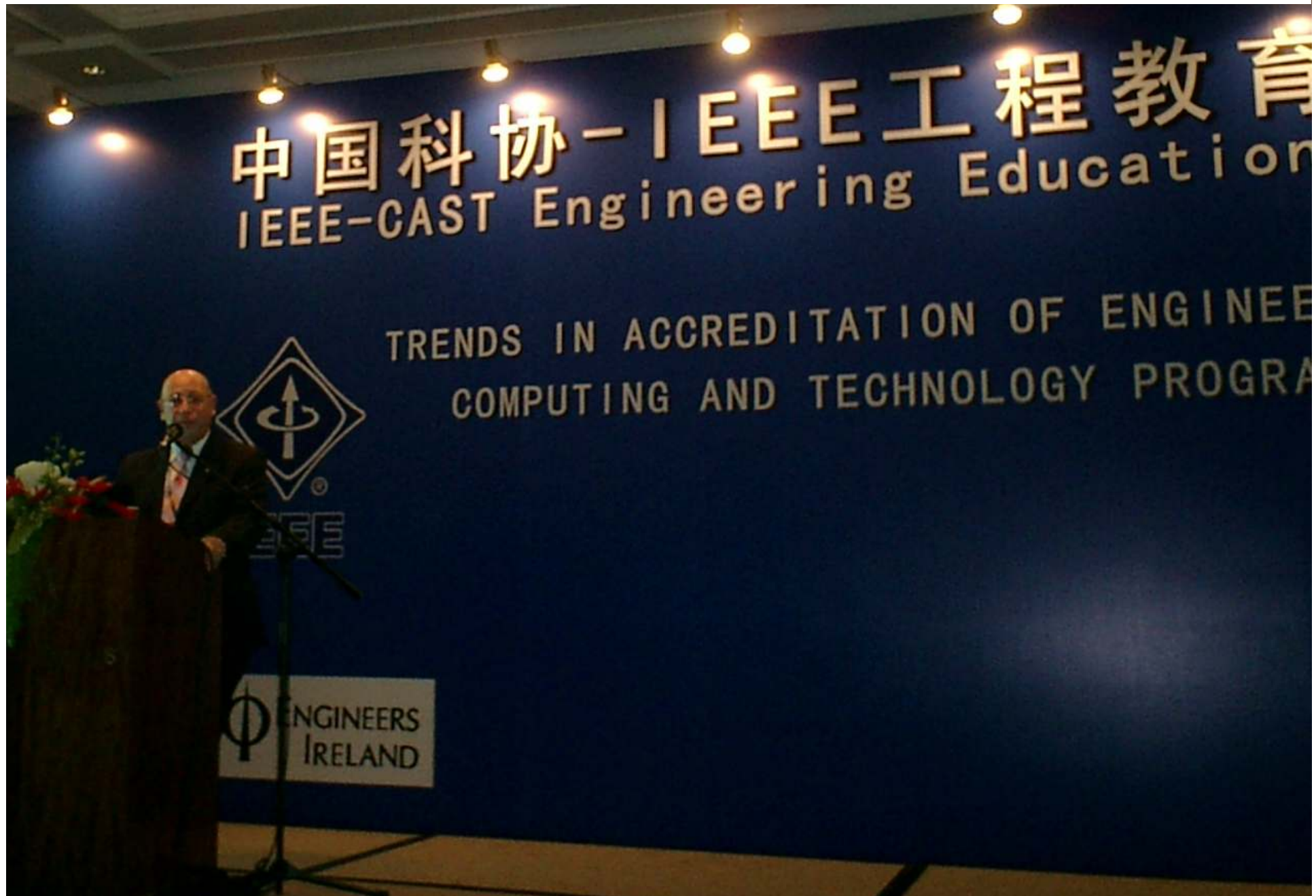


IEEE EAB Working Group on Education in China
November 24-25, 2006 / St. Regis Hotel, Beijing

Meeting on Accreditation: Ministry of Education, Beijing 2007



Accreditation Workshop: Beijing 2007



IEEE Accomplishments: Membership

- Students: The **Graduate Student Member** grade
- Students: merger with **Eta Kappa Nu**
- Membership: **simplification of joining and membership renewal processes**
 - REPCOM
- Membership: the **Membership Project (2003-2005)**



Teacher in Service Program

Piura, Peru, August 2007







TISP in Malaysia, September 2006



Priorities: Seven Worthy Goals

- **New programs for practicing members and recent graduates**
- **Faster expansion of IEEE into new technologies and emerging fields**
 - E.g. interface with the Life Sciences
- **IEEE Certification Programs in up-and-coming fields**
 - Biometrics, RFID

Priorities: Seven Worthy Goals

- Strong **pre-university engineering education** programs
- Increase **membership value**
 - Especially through **continuing education**
- Improve **image of engineering and IEEE**
- Increase opportunities for **networking, mentoring and member collaboration**
- Renew and rejuvenate **IEEE's leadership**

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Moshe Kam '10

for IEEE President-Elect



Welcome	Challenges	Priorities	Biography	IEEE Volunteer	IEEE Activities	Commentary	Pictures
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voting ends on
October 1st



Watch
Roundtable
Q & A

Welcome to my 2009 IEEE election website. I am glad you are interested in the IEEE's leadership elections, and I thank you for the opportunity to introduce myself.

My name is Moshe Kam. I am an electrical engineer and electrical engineering educator. At present I serve as the Department Head of Electrical and Computer Engineering at Drexel University in Philadelphia, Pennsylvania, USA. Since I started teaching at Drexel 22 years ago, I have done research and consulting work in wireless communications, robotics and navigation, detection and estimation, engineering education, and forensic pattern recognition. I have participated in the education of several thousand students, including more than 60 Master of Science students and 17 PhD students whom I advised personally.

I have been a volunteer for IEEE since my student days, and had the privilege of serving IEEE as Chair of the Philadelphia Section (1998), Director of Region 2 (Eastern US, 2003-2004), and Vice President of Education (2005-2007). I was a member of the IEEE Board of Directors for five years (2003-2007) and a member of the IEEE Executive Committee for three years (2005-2007).

I am running for the 2009 President-Elect position because IEEE is facing strong challenges due to changes in technology, the business climate, and the way engineering careers have evolved. As successful as IEEE has been in the past, it is faced now with new requirements from the members for information, certification and education services. IEEE has increased competition, and we are experiencing rapid transformations of our traditional fields of interest. These are worthy challenges, but they will require strong and focused leadership that recognizes the need to adapt IEEE to the needs of the members and to the new realities of the markets. At the same time IEEE needs to maintain and expand its leadership in the delivery and dissemination of first-rate reliable technical information, and to be a strong voice of the profession in areas such as engineering education, public awareness of engineering, computing and technology, engineering employment, and pre-university programs.

My site includes sections on Challenges, Priorities and some of my writings. I hope you will find it interesting. I welcome your comments and suggestions.

Sincerely,
Moshe Kam
m.kam@ieee.org

News

Voting Opens
- [Election Page](#)
- [Electronic Voting Page](#)

Debate in Philadelphia
- [IEEE.tv Webcast](#)
- [Other Web Media](#)

Articles in IEEE Magazines
- [The Candidates Tackle the Issues](#) (new)
- [Q&A with Kam and Ray](#)
- [Computer Society Article](#)



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The opinions expressed on this website are the opinions of the author and not necessarily the opinions of the IEEE