

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



CANDIDATE NAME **Jacek M. Zurada**

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BIOGRAPHY: *(maximum length of 150 words)*

Dr. Jacek Zurada is a Professor of Electrical and Computer Engineering at the University of Louisville, Louisville, Kentucky, USA. He was a post-doc at Swiss Federal Institute of Technology, Zurich, a Visiting Professor at Princeton University, and a Distinguished Visiting Professor at NUS and NTU (Singapore).

He has authored several textbooks including the pioneering neural networks text and over 430 refereed publications in deep learning, neural networks and image/signal processing that have resulted in over 13,700 citations. He has advised 24 PhD students, now leaders in academia, Google, Facebook and Amazon. He has also served industry and start-ups as a consultant.

Dr. Zurada has delivered over 160 invited plenary conference presentations and seminars, including Distinguished Lectures for three IEEE Societies. He received numerous IEEE, university and scholarly society awards for research, teaching and service. He was elected to the Polish Academy of Sciences and received six honorary doctorates and professorships.

CITATION: *(maximum length of 20 words)*

For contributions to TAB education and globalization initiatives.

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO THE CREATION, DEVELOPMENT, OR ADVANCEMENT OF THE TECHNICAL OBJECTIVES OF THE IEEE: *(maximum length of 300 words).*

Dr. Zurada has a long record of IEEE accomplishments. Here are two specific areas of special note:

IEEE Resource Centers. During 2013-14, Dr. Zurada chaired the TAB Education Committee. The Committee inventoried and analyzed S/C and Technical Communities resources in offering continuing education to IEEE, Society members and general public. In 2015-16, S/C educational modules (tutorials, plenaries, workshops, keynote lectures) have been aggregated under one roof for easier access by members. With a seed grant from TAB and with partnership of several Societies (mainly PES, EDS, CompS), he initiated planning for this IEEE-wide initiative. This effort led to the web-based IEEE Resource Centers (RC) that we

know today. At present we have at least 18 unit-RCs that offer their educational and training resources. They contribute not only to the continuing education of IEEE members, but also provide important public service for the general public and non-members. They also bring additional income to Societies and Councils.

TAB Globalization Initiative. He launched and successfully implemented the Globalization Initiative to foster a new generation of IEEE/TA volunteers in publishing, conferences and NGO/IEEE governance. This endeavor brought successful and reproducible 'Train-the-Trainers' workshops to disadvantaged IEEE geo-regions (2013-16). Workshops were held in India, China and Eastern Europe under the auspices of local Sections. IEEE volunteers trained IEEE members to become authors, reviewers, associate editors, conference and session chairs, event planners and committee members, and contributors to IEEE technical and local activities. This brought local awareness of IEEE depth and width to predominantly young audiences and encouraged them to work for IEEE as qualified supporters. The workshops also addressed the issues of governance that are less prominent in some countries. This activity brought together regional IEEE membership in geo-regions with technical activities that are traditionally confined to S/Cs and TCs.

DATE(S) OF ACCOMPLISHMENT(S):

TAB Ad-Hoc Education Committee (2013-2016)

TAB Globalization Initiative (2013-2016)

RELEVANT IEEE ACTIVITIES: *List the nominee's IEEE positions relevant to the specific accomplishment(s) described above with dates of service (maximum of 300 words).*

TAB SERVICE

IEEE VP – Technical Activities 2014 (TAB Chair), Elect 2013, Past 2015

IEEE Strategic Planning Ad Hoc Committee Member 2015

IEEE New Initiatives Committee Member 2015

IEEE Collabratec Steering Committee Member 2014-16

TAB Strategic Planning Committee Chair 2015, Member 2014

TAB Management Committee Chair 2014, Member 2013, 2015

IEEE Nomination Committee Member 2013

TAB Nomination Committee Chair 2013, Member 2014

Globalization of Technical Activities Ad Hoc Committee Chair 2013

Leveraging Education in Technical Activities Ad Hoc Committee Chair 2013, Member 2014

TAB Periodicals Review and Advisory Committee Chair 2012-13

PSPB Vice-Chair 2011

TAB Periodicals Committee Chair and IEEE Panel of Editors Chair 2010-11

Your information may be shared with other areas within IEEE who seek volunteers.

PSPB/TAB Member, TAB Finance Committee Member, PSPB Strategic Planning Committee Member 2010-11
TAB Transactions Committee Chair 2007-09
IEEE Frank Rosenblatt Award Committee Member 2007-08
TAB Periodicals Committee Member 2005-09, 2012-13
TAB Periodicals Review and Advisory Committee Member 2005-11
TAB Newsletter Committee Chair 2005-06
TAB Member 2004-05, 2010-11, 2013-15
IEEE Proceedings Member of Editorial Board, 2001-03

REGIONS, SECTIONS, CHAPTERS SERVICE

TAB Representative to MGA Board 2016-17
MGA Strategic Direction and Environmental Assessment Committee Member 2015
Represented Technical Activities at the Plenary Session of 2014 Sections Congress
Attended and addressed "Region 8 Students and Young Professionals Congress" in Cracow, Poland 2014
Championed successful planning for TA participation in 2014 Sections Congress, with Rakesh Kumar 2013-14
Attended select working Sections meetings to build cooperation of TA and MGA: Poland, Singapore, Lexington, and Louisville 2012-14
Assisted select Sections with IEEE Milestone Program and related public impact 2013-14
Worked with select Sections to develop the TA/MGA Hackathon Programs 2013-14
Delivered about 13 Distinguished Lectures to local Chapters as Distinguished Lecturer for CAS, CIS, SMC
Promoted Chapter building as President of Computational Intelligence Society 2004-05

REFERENCES: *Include a minimum of two, [maximum of three references](#). The reference forms are to be sent directly to the TAB Hall of Honor Selection Committee*

- 1.** *John Barr, j.barr@ieee.org*
- 2.** *Peter Clout, p.clout@ieee.org*
- 3.** *Alfred Dunlop, aldunlop@gmail.com*

Nominator: *H. Troy Nagle, t.nagle@ieee.org*

NOTE: *The Nominator cannot serve as a reference. Self-nomination is acceptable.*