

IEEE Neural Networks Society

Administrative Committee (AdCom) Meeting

Doubletree Hotel — Jantzen Beach
Portland, Oregon

20 July 2003

Voting Members in Attendance:

NNS ExCom

President.....	Evangelia Micheli-Tzanakou
President-Elect	Jacek Zurada
Past President	Piero Bonissone
Vice President, Conferences	Marios Polycarpou
Vice President, Finance	Bogdan Wilamowski
Vice President, Members Activities	Vincenzo Piuri
Vice President, Publications	David Fogel
Vice President, Technical Activities	Mohamed El-Sharkawi

Society Representatives

Computer.....	Benjamin Wah
Industrial Electronics	Okyay Kaynak
Robotics and Automation.....	Toshio Fukuda
Systems, Man and Cybernetics	George Lendaris

Non-Voting Members in Attendance

Editor, Transactions on Fuzzy Systems	Jim Keller
Editor, Transactions on Evolutionary Comp	Xin Yao
Editor, NNS CoNNectionS Newsletter.....	Gary Yen
Editor, NNS Web Page	Tomasz Cholewo
TC on Computational Finance (Chair)	Lei Xu
TC on Evolutionary Computation (co-chair).....	Garrison Greenwood
Awards Committee (Chair).....	Paul Werbos
Women in Computational Intelligence Committee (Chair)....	Mary Lou Padgett
Education Committee (Chair)	Slawo Wesolkowski
FUZZ-IEEE 2005 Conference Chair	Jim Bezdek
Division X Director	Enrique Ruspini
Guest	John Wang
Secretary	Ann Johnston

Evangelia Micheli-Tzanakou called the meeting to order at 9:10 AM. Micheli-Tzanakou welcomed everyone, shared general announcements, took roll call, and moved on to review the agenda.

Agenda

Motion	Move to approve agenda as presented in the AdCom book.		Seconded
Approved – All (13)	Opposed – None		Abstain - None

Minutes

Micheli-Tzanakou presented the motions from the ExCom meeting on 8 August and requested the following corrections:

8 March 2003 item #3 –	Correction	change Master Degree's Program to Master's Degree Program
24 May 2003 –	Correction	Change Litsa Micheli-Tzanakou to Evangelia Micheli-Tzanakou

Motion	Move to approve minutes & motions		Seconded
Approved – All (13)	Opposed – None		Abstain - None

Consent Agenda

Correction – The AdCom is approving the ~~2004~~ 2003 appointments of the Technical and Standing Committee Chairs.

Micheli-Tzanakou requested approval to remove the approval of awards and the co-sponsorship of the new Transactions on Computational Biology and Bioinformatics be removed from the Consent agenda, (to be discussed later in the meeting).

Motion	Move to approve the consent agenda as amended		Seconded
Approved All (13)	Opposed – None		Abstain - None

President – Evangelia Micheli-Tzanakou

Conference Guidelines

- Detailed conference guidelines exist in the Conference organizing manual on the IEEE web site
- Bob Myers has developed a condensed guide for the I&M society and Vincenzo Piuri adopted it for NNS. This guide was sent to the organizing committee of IJCNN'04 in Budapest

Awards

- TFAs much more difficult to create from now on. Maybe we should rethink the one approved last year by NNS. It's time to either send it to TAB for approval or forget about it. We need to move fast and smartly about this.
- There exist prestigious awards from EAB.

<http://www.ieee.org/organizations/eab/arc/awards/index.htm>

Links with other Societies

Dr. Witali Dunin-Barkowski, President of the Russian Neural Networks Society, extended his congratulations to our society and requested collaborative exchanges with our society (web links, conference cooperation, etc.). ExCom has approved his request.

Motion	Approve the request by Dr. Barkowski to have links between the 2 societies.		Motion from Committee.
Approved All (13)	Opposed None	Abstain None	

NAISO in the past has requested similar exchanges but nothing format has been done yet.

A Proposal for a new journal “Transactions on Computational Biology and Bioinformatics” was received in June 2003, from the Computer Society with co-sponsorship from EMBS and ACM. At the June TAB meeting the proposal was discussed and NNS was approved as a cosponsor to the journal. The MoU will be signed as soon as approval is received.

As a point of order, David Fogel advised for the record that the Pubs committee and Editors approved this proposal in their committee meeting on 19 July 2003.

Micheli-Tzanakou pointed out that each society be allowed 1 representative (equal representation by all) in the search committee for an editor in Chief, although the percentages for sponsorship and for associate editors are not equal for all parties involved.

Motion	Approve NNS participation of 12.5% in the creation of the new Transactions on Computational Biology and Bioinformatics.		Seconded
Approved All (13)	Opposed None	Abstain None	

History Book on Neural Networks

NNS has received a request for the creation of a book on the history of Neural Networks. The suggestion was a compilation of interviews of individuals in the neural networks community. The NNS ExCom has requested a detailed description of the book. The budget requested was \$50K for 2 years to be used for subscriptions, travel and production costs. All royalties from the book will go to the Neural Networks Society.

Motion	Table the discussion on the creation of a NNS history book until a detailed budget or more information is available.		Seconded
Approved All (13)	Opposed None	Abstain None	

Future Plans

- Increase Industry relations
- Create Tutorials on DVDs

Mohamed volunteered to create a Multimedia Committee

The following individuals volunteered to participate on the committee:

- Paul Werbos
- Vincenzo Piuri
- George Lendaris
- Summer School independent of Conferences
- Short courses
- Initiated theme driven workshops
Vincenzo Piuri has created one and Fogel is coordinating a new one
- Work on Exhibits
A discussion continued on the type of exhibits that would be applicable at various conferences. Ruspini noted that the IEEE Board of Directors is currently addressing the IEEE relationship with the Industry.

Dan Wilamowski requested Mary Lou Padgett write a proposal to create a committee on Industrial Relations. The proposal would be presented at the next ExCom. Padgett accepted the request. Piero Bonissone requested Padgett communicate with the current technical chairs to identify the scope and charter of the committee.

- Use of the SPIE format for poster sessions
 - Ideas that came out of the discussion...
 - Give incentives for academic participation
 - Mention names
 - Poster papers should be called "Interactive sessions" to make them attractive with 3-5 minute presentations.
- Conference

Micheli-Tzanakou asked Marios Polycarpou to create a committee to review successes and failures for conferences best practices.

- More application tracks.

Work on Web site

There is a need to have full time support in keeping the NNS web site current. In addition, the site should have external links (for example, the European and Japanese NNS site). The supporting person could be a student or contractor.

Micheli-Tzanakou led a review of the Letters included in the AdCom Meeting book. Letter #1 from Mary Ann DeWald re: Letter of Invitation to people in order to obtain a visa.

It was discussed that the use the term “Letter of Invitation” should be avoided because we may be making ourselves liable for the attendees conduct while in the United States. Mohamed El-Sharkawi pointed out that this term also has financial implications due to the INS insurance requirements. It was suggested that the subject of the letter could reference the individual is a presenter but not as a letter of invitation.

Letter # 2 from Witali Dunin-Barkowski re: society links.

Letter # 3 from John Baillieul re: possible co-sponsorship of a multi-society digital library. A meeting with John Baillieul, Micheli-Tzanakou and Fogel took place in Nashville and possibilities were discussed.

Continued...

Past-President Report – Piero Bonissone

IEEE NNS Transitional Government — Results from random assignment of Society Representatives for 2004 and 2005.

- In 2002 we defined a random process that associated the first twelve numbers drawn on January 2nd 2003 by the New York Lottery (known as “PICK 10”) with the twelve ex-sponsoring societies of the IEEE NNS.
- The process, which was agreed upon by each of the twelve presidents of our ex-sponsoring societies, was used to determine the six societies who will appoint an AdCom representative in 2004 and the other six who will appoint a representative in 2005.
- The results are the following one:

Alpha betical Index	Society Name	Count: First 12 numbers (out of a sequence of 20) from “NY Lottery Pick 10” taken from 12/03 drawing	Count MOD 12	Final Index: Count Mod 12 After Correcting for Collisions	Society with EVEN FI value => Representatives in 2004	Society with ODD FI value => Representative in 2005
0	Circuits and Systems	2	2	2	Circuits and Systems	
1	Computer Society	9	9	9	-	Computer Society
2	Control Systems	10	10	10	Control Systems	
3	Eng. In Medicine & Biology	11	11	11	-	Eng. In Medicine & Biology
4	Industrial Electronics	15	3	3	-	Industrial Electronics
5	Industry Applications	20	8	8	Industry Applications	
6	Instrumentation & Measurement	24	0	0	Instrumentation & Measurement	-
7	Laser & electro- Optics	27	3	5		Laser & Electro- Optics
8	Power Engineering	39	3	6	Power Engineering	
9	Robotics & Automation	44	8	1		Robotics & Automation
10	Signal Processing	50	2	7		Signal Processing
11	Systems, Man & Cybernetics	52	4	4	Systems, Man & Cybernetics	

Constitution and Bylaws (Proposed Changes) — Election of Vice-President-Elect, Finance (on odd-years) instead of Vice-President, Finance (on even-years)

Proposed Amendment to NNS Bylaws:

Modification of term of office and election procedures for VP for Finance

Rationale: The performance of the Vice President for Finance is key to the continued success and development of the Society. Experience with IEEE finances and accounting methods are important to assure proper discharge of the duties specified in the NNS C&BL.

Recent NNC and NNS Bylaws have recognized its importance by allowing re-election to this executive position.

Early election of a Vice President for Finance so as to permit his/her collaboration as ***officer elect*** of the Society is intended to promote continuity in the handling of Society finances while assuring adequate experience in the discharge of his duties as Vice President, Finances

Outline of Proposed Changes

- VP Finance is elected on odd-years
 - If approved, it will be elected on odd years
 - It will start term next odd-year.
- Invited to ExCom at the President discretion:
 - Not an officer
 - Non-voting
- First election: 2003
 - Trains during 2004, and assists VP Finances
 - Becomes VP, Finance in 2005

Change Election Dates

Current:

6.2 Election for President-Elect, Vice President for Finances, Vice President for Member Activities, and Vice President for Publications shall take place in even-numbered years with terms to begin in January of odd-numbered years. Election for Vice President for Conferences and Vice President for Technical Activities shall take place in odd-numbered years with terms to begin in January of even-numbered years.

Proposed:

6.2 Election for President-Elect, Vice President for Member Activities, and Vice President for Publications shall take place in even-numbered years with terms to begin in January ***of the next year.*** Election for Vice President ***Elect*** for Conferences and Vice President for Technical Activities shall take place in odd-numbered years with terms to begin in January ***of the next year. Election for Vice President Elect for Finance shall take place in odd-numbered year with term to begin in January of the next odd-numbered year.***

Changes to Transition Procedures

Current:

15.0 Officers - During the transitional period immediately following the formation of the new Society, the previously duly elected Officers of the Neural Network Council shall serve as Officers of the Society, until replaced by elections. At its first meeting of the new Society in 2002, the ADCOM shall elect a President-Elect, Vice President for Finances, the Vice President for Publications, and the Vice President for Member Activities with terms to begin in January 2003. During 2003, the sitting ADCOM will elect Vice President for Conferences and Vice President for Technical Activities with terms to begin in January 2004, but no President-Elect.

During 2002, the first year of the Society, there will be seven officers as follows:

- President
- President-Elect
- Past-President
- Vice President for Finance
- Vice President for Publications
- Vice President for Conferences
- Vice President for Technical Activities

During 2003, the second year of the Society, there will be eight officers, as follows:

- President
- President-Elect
- Past-President
- Vice President for Finance
- Vice President for Publications
- Vice President for Conferences
- Vice President for Technical Activities
- Vice President for Member Activities

From 2004 and on, there will be seven officers as stated in Article V, Section 1:

- President
- President-Elect in odd-numbered years
- Immediate Past President in even-numbered years
- Vice President for Finance
- Vice President for Conferences
- Vice President for Publications
- Vice President for Technical Activities
- Vice President for Member Activities

Changes to Transition Procedures

Proposed

15.0 Officers - During the transitional period immediately following the formation of the new Society, the previously duly elected Officers of the Neural Network Council shall serve as Officers of the Society, until replaced by elections. At its first meeting of the new Society in 2002, the ADCOM shall elect a President-Elect, Vice President for Finance, the Vice President for Publications, and the Vice President for Member Activities with terms to begin in January 2003. *During 2003, the sitting ADCOM will elect the Vice President for Conferences and the Vice President for Technical Activities with terms to begin in January 2004, and the Vice President Elect for Finance with term to begin in January 2005, but no President-Elect.*

During 2002, the first year of the Society, there will be seven officers as follows:

- President
- President-Elect
- Past-President
- Vice President for Finance
- Vice President for Publications
- Vice President for Conferences
- Vice President for Technical Activities

During 2003, the second year of the Society, there will be eight officers, as follows:

- President
- President-Elect
- Past-President
- Vice President for Finance
- Vice President for Publications
- Vice President for Conferences
- Vice President for Technical Activities
- Vice President for Member Activities

From 2004 and on, there will be seven officers *as stated in Section 4 of these Bylaws:*

- President
- President-Elect in odd-numbered years
- Immediate Past President in even-numbered years
- Vice President for Finance
- Vice President for Conferences
- Vice President for Publications
- Vice President for Technical Activities
- Vice President for Member Activities

Transitional Government

Reflecting Non-voting Status of Vice-President-Elect, Finances

Year		2001	2002	2003	2004	2005	2006	2007	2008
AdCom Members	Appointed Members	24	24	12	6	6	0	0	0
	Elected Members	0	0	0	5	5	5		
						5	5	5	
							5	5	5
								5	5
Tot AdCom - ExCom		24	24	12	11	16	15	15	15
Officers	President Elect	1	1	1	0	1	0	1	0
	President	1	1	1	1	1	1	1	1
	Past President	1	1	1	1	0	1		1
	VP Technical Activities	1	1	1	1	1	1	1	1
	VP Conferences	1	1	1	1	1	1	1	1
	VP Publications	1	1	1	1	1	1	1	1
	VP Membership	0	0	1	1	1	1	1	1
	VP Finances	1	1	1	1	1	1	1	1
	VP Finances Elected	0	0	0	0	0	0	0	0
		7	7	8	7	7	7	7	7
Tot AdCom		31	31	20	18	23	22	22	22

Motion	Change By-Laws Section 6.2 (covering election date) as proposed:
6.2	Election for President-Elect, Vice President for Member Activities, and Vice President for Publications shall take place in even-numbered years with terms to begin in January <u>of the next year</u> . Election for Vice President <u>Elect</u> for Conferences and Vice President for Technical Activities shall take place in odd-numbered years with terms to begin in January <u>of the next year</u> . <u>Election for Vice President Elect for Finance shall take place in odd-numbered year with term to begin in January of the next odd-numbered year.</u>
	Motion from committee
Approved – All (13)	Opposed None
	Abstain None

Motion	Change By-Laws section 15.0 (covering list of officers) as proposed:		
15.0	Officers - During the transitional period immediately following the formation of the new Society, the previously duly elected Officers of the Neural Network Council shall serve as Officers of the Society, until replaced by elections. At its first meeting of the new Society in 2002, the ADCOM shall elect a President-Elect, Vice President for Finance, the Vice President for Publications, and the Vice President for Member Activities with terms to begin in January 2003. <u><i>During 2003, the sitting ADCOM will elect the Vice President Elect for Conferences and the Vice President for Technical Activities with terms to begin in January 2004, and the Vice President for Finance with term to begin in January 2005, but no President-Elect.</i></u> During 2002, the first year of the Society, there will be seven officers as follows:		
			Motion from Committee
Approved – All (13)	Opposed None		Abstain None

Constitution and Bylaws (Proposed Changes) — Eligibility Requirements for VPs

Current:

7.1 Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finances is open to all NNS officers, NNS ADCOM members, NNS editor-in-chiefs, and NNS technical chairs, who held that position for any period of time during the five years prior to the election.

Proposed:

7.1 Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finance is open to all NNS officers, NNS ADCOM members, NNS editors-in-chief, NNS technical **and standing committee** chairs, who held **one or more of such positions for at least one year** during the five years prior to the year of the election.

Motion	Change By-Laws Section 7.1 (covering eligibility) as proposed:		
7.1	Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finance is open to all NNS officers, NNS ADCOM members, NNS editors-in-chief, NNS technical <u>and standing committee</u> chairs, who held <u>one or more of such positions for at least one year</u> during the five years prior to the year of the election.		
			Motion from Committee
Approved – All (13)	Opposed None		Abstain None

Constitution and Bylaws (Proposed Changes) —

Eligibility Requirements for VPs

Current Section 7 – Eligibility for Office

7.0 Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editor-in-chiefs, who held that position for any period of time during the five years prior to the election and are current IEEE and NNS members in good standing.

7.1 Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finances is open to all NNS officers, NNS ADCOM members, NNS editor-in-chiefs, and NNS technical chairs, who held that position for any period of time during the five years prior to the election.

The names of any nominees for Officers who are not eligible under the Constitution or Bylaws shall be withdrawn by the President of the Society.

Proposed Section 7 – Eligibility for Office

7.0 Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editor-in-chiefs, who held that position for any period of time during the five years prior to the election and are current IEEE and NNS members in good standing.

7.1 Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finance is open to all NNS officers, NNS ADCOM members, NNS editor-in-chiefs, and NNS technical chairs, who held that position for any period of time during the five years prior to the election.

7.2 The names of any nominees for Officers who are not eligible under the Constitution or Bylaws shall be withdrawn by the President of the Society.

Motion to change By-Laws Section 7.1 (labeling its last sentence section 7.2) as proposed:		
7.0	Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editor-in-chiefs, who held that position for any period of time during the five years prior to the election and are current IEEE and NNS members in good standing.	
7.1	Eligibility to run and hold the offices of the Vice President for Conferences, the Vice President for Publications, the Vice President for Technical Activities, the Vice President for Member Activities, and the Vice President for Finance is open to all NNS officers, NNS ADCOM members, NNS editor-in-chiefs, and NNS technical chairs, who held that position for any period of time during the five years prior to the election.	
<u>7.2</u>	The names of any nominees for Officers who are not eligible under the Constitution or Bylaws shall be withdrawn by the President of the Society.	
		Motion from Committee
Approved – All (13)	Opposed – None	Abstain – None

Eligibility – President Elect

Current:	
7.0	Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editors-in-chief, who held that position for any period of time during the five years prior to the election and are current IEEE and NNS members in good standing.
Proposed:	
7.0	Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editors-in-chief, who held that position <u>who held one or more of such positions for at least one year</u> during the five years <u>prior to the year of the election</u> and are current IEEE and NNS members in good standing

Motion Change By-Laws Section 7.0 as proposed:		
7.0	Eligibility to run and hold the office of President-Elect is open to all NNS officers, NNS ADCOM members, and NNS editors-in-chief, who held that position <u>who held one or more of such positions for at least one year</u> during the five years <u>prior to the year of the election</u> and are current IEEE and NNS members in good standing	
		Motion from Committee
Approved – All (13)	Opposed None	Abstain None

Current

4.6 Vice President for Publications - There shall be a Vice President for Publications, who shall oversee all the publications activities in the society, including the transactions, newsletters, magazines, and other publications. The Vice President for Publications shall:

- (1) Prepare the annual budget submission to the ADCOM, based on guidance from the Vice President for Finance, for approval.
- (2) Establish publication policies for all Society sponsored transactions.
- (3) Approve Special Issues of Transactions and joint issues with other IEEE publications.
- (4) Appoint Editorial Boards, apart from the editors who are appointed by the President, of all transactions.
- (5) Approve IEEE press publications sponsored by the Society.

Proposed

4.6 Vice President for Publications - There shall be a Vice President for Publications, who shall oversee all the publications activities in the society, including the transactions, newsletters, magazines, and other publications. The Vice President for Publications shall:

- (1) Prepare the annual budget submission to the ADCOM, based on guidance from the Vice President for Finance, for approval.

- (2) Establish publication policies for all Society sponsored transactions.
- (3) Approve IEEE press publications sponsored by the Society.

Motion Change By-Laws Section 4.6 as proposed:

4.6 **Vice President for Publications** - There shall be a Vice President for Publications, who shall oversee all the publications activities in the society, including the transactions, newsletters, magazines, and other publications. The Vice President for Publications shall:

- (1) Prepare the annual budget submission to the ADCOM, based on guidance from the Vice President for Finance, for approval.
- (2) Establish publication policies for all Society sponsored transactions.
- (3) Approve IEEE press publications sponsored by the Society.

Motion from Committee

Approved – All (13)

Opposed None

Abstain None

Reflecting Current SOP for Editorial Boards**Current**

8.5 Editorials Board - For each Transaction authorized by the ADCOM, the Editor-in-Chief appointed by the President and approved by the ADCOM, and Associate Editors, appointed by the Vice President for Publications, shall form an Editorial Board. Each Editorial Board shall solicit or otherwise obtain appropriate papers and review and edit same for their respective Transactions according to policies set by the Vice President for Publications. The Transactions shall be published with the assistance of the IEEE Publications Staff. Each Editorial Board shall present a page limit and dollar budget to the Vice President for Publications for the preparation of the annual budget.

Proposed

8.5 Editorial Boards - For each Transaction authorized by the ADCOM, the Editor-in-Chief appointed by the President and approved by the ADCOM, and Associate Editors, appointed by the ***Editor-in-Chief***, shall form an Editorial Board. Each Editorial Board shall solicit or otherwise obtain appropriate papers and review and edit same for their respective Transactions according to policies set by the Vice President for Publications. The Transactions shall be published with the assistance of the IEEE Publications Staff. Each Editorial Board shall present a page limit and dollar budget to the Vice President for Publications for the preparation of the annual budget.

Motion Change By-Laws Section 8.5 as proposed:

8.5 Editorial Boards - For each Transaction authorized by the ADCOM, the Editor-in-Chief appointed by the President and approved by the ADCOM, and Associate Editors, appointed by the Editor-in-Chief, shall form an Editorial Board. Each Editorial Board shall solicit or otherwise obtain appropriate papers and review and edit same for their respective Transactions according to policies set by the Vice President for Publications. The Transactions shall be published with the assistance of the IEEE Publications Staff. Each Editorial Board shall present a page limit and dollar budget to the Vice President for Publications for the preparation of the annual bud get.

Motion from Committee

Approved – All (13)

Opposed None

Abstain None

Reflecting Current SOP for Fellows Committee**Current**

8.3 Fellows Committee - The Fellows Committee, appointed by the Immediate Past President or President-Elect in alternating years, shall:

- a. Encourage Fellow nominations for worthy candidates who have contributed to the Society.
- b. Review Fellow nominees on behalf of the Society for the IEEE Fellows Committee. The members of this Committee must be Fellows of the IEEE and members of the Society.

Proposed

8.3 Fellows Committee - The Fellows Committee, appointed by the Immediate Past President or President-Elect, *in consultation with the President*, shall:

- a. Encourage Fellow nominations for worthy candidates who have contributed to the Society.
- b. Review Fellow nominees on behalf of the Society for the IEEE Fellows Committee. The members of this Committee must be Fellows of the IEEE and members of the Society.

The Fellows Committee shall consist of at least five society members chosen from among those of Fellow grade within the IEEE.

Motion Change By-Laws Section 8.3 as proposed:

8.3 Fellows Committee - The Fellows Committee, appointed by the Immediate Past President or President-Elect, *in consultation with the President*, shall:

- a. Encourage Fellow nominations for worthy candidates who have contributed to the Society.
- b. Review Fellow nominees on behalf of the Society for the IEEE Fellows Committee. The members of this Committee must be Fellows of the IEEE and members of the Society.

The Fellows Committee shall consist of at least five society members chosen from among those of Fellow grade within the IEEE.

Motion from Committee

Approved – All (13)

Opposed None

Abstain None

Reflecting Current SOP for Immediate Past President**Current**

4.3 Immediate Past President – The duties of the Immediate Past President shall include those of all other voting members of the AdCom. Additional duties shall include coordinating the work of the following committees: Nominations, Fellows, Prize Papers, Awards, and Constitution and Bylaws. These duties will be performed by the President-Elect during the year when there is no immediate Past President.

Proposed

4.3 Immediate Past President – The duties of the Immediate Past President shall include those of all other voting members of the AdCom. Additional duties shall include coordinating the work of the following committees: Nominations, Fellows, *Prize Papers*, Awards, and Constitution and Bylaws. These duties will be performed by the President-Elect during the year when there is no immediate Past President.

Motion	Change By-Laws Section 4.3 as proposed:	
4.3	Immediate Past President – The duties of the Immediate Past President shall include those of all other voting members of the AdCom. Additional duties shall include coordinating the work of the following committees: Nominations, Fellows, Awards, and Constitution and Bylaws. These duties will be performed by the President-Elect during the year when there is no immediate Past President.	
		Motion from Committee
Approved – All (13)	Opposed None	Abstain None

President-Elect – Jacek Zurada

Jacek Zurada presented an overview of his responsibilities during the year as follows:

Active support to the President and the Past-President

- recruiting new talent & leadership (“new blood”) for the existing technical areas/committees
- recruiting leaders in the emerging technologies
- Assisting the Nominations and Fellows Committee
- Assisting in special tasks (such as T-SMC split)

Supporting role for three Vice-Presidents

- Assisting the Conference Committee (and the V-P)
- Assisting the Publication Committee (and the V-P)
- Assisting in building new Chapters

Preparing for the Presidency

- Recruiting volunteers (NNS Newsletter article, May 2003)
- Attended training for President-Elects in Dallas, February 2003
- Attended the TAB Meeting in Nashville, June 2003
- Planning to attend the Tab Meeting in Seattle, November 2003

Vice President, Finance – Bogdan Wilamowski

Bogdan Wilamowski reported the net worth of the Neural Network Society is \$2,130,000 as of 1 January 2003.

The current NNS budget issues are as follows:

Challenge - To balance the budget with 581K IEEE Taxes

- Neg – Our large reserves leads to larger taxes
- Neg – Lost income from IEEE membership fees
- Pos – Next year taxes should be lower by \$50k
- Neg – Smaller income from periodicals
- Pos – Larger income from conferences (*conf. charges*)

Wilamowski presented the following financial budget priority list for discussion:

- Second AdCom per year ?
- Reimburse AdCom travel or not ?
- Level of support of AdCom activities (committees) ?
- Invest in electronic submission (Manuscript Central?)
- Invest in new Transactions ?
- Level of EIC support ?
- Level of student awards (last year about \$80K) ?
- Create new conferences ?
- Handling finances of conferences (registration <-> income)
- Negotiation with hotels for conferences !
- History book financing (\$50k)?

2002 as budgeted

Business Unit	Income			Expense			Net			
	Annual	YTD		Annual	YTD		Annual	YTD		
0110										
Neural Networks	Budget	Budget	Actual	Budget	Budget	Actual	Budget	Budget	Actual	Variance
Investment	0.0	0.0	0.0	(145.2)	(145.2)	(25.1)	145.2	145.2	25.1	(120.1)
Periodicals	1299.9	1299.9	1329.3	625.2	625.2	586.2	674.7	674.7	743.1	68.4
Newsletters	0.0	0.0	0.0	21.0	21.0	2.1	(21.0)	(21.0)	(2.1)	18.9
Non Periodical	2.1	2.1	2.1	14.8	14.8	5.3	(12.7)	(12.7)	(3.2)	9.5
Conferences	6.0	6.0	314.8	33.6	33.6	229.7	(27.6)	(27.6)	85.1	112.7
Grants	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administration	0.0	0.0	0.0	125.2	125.2	129.2	(125.2)	(125.2)	(129.2)	(4.0)
Committee/Other	0.0	0.0	0.0	276.0	276.0	150.9	(276.0)	(276.0)	(150.9)	125.1
TOTAL	1308.0	1308.0	1646.2	950.6	950.6	1078.3	357.4	357.4	567.9	210.5

In 2002, NNS reserves were reduced by ~\$800K for IEEE Administrative Taxes, reducing our Net Income to 2,130,000.

Wilamowski discussed \$250,000 variance in periodicals. He continued to point out the line items that may show a positive variance by the end of the year.

End of May 2003	Income			Expense			NET			Variance
	Annual	YTD		Annual	YTD		Annual	YTD		
	Budget	Budget	Actual	Budget	Budget	Actual	Budget	Budget	Actual	
Investment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Periodicals	1619.8	1157.0	814.6	647.1	214.1	178.8	972.7	942.9	635.8	(288.8)
Newsletters	0.0	0.0	0.0	21.8	8.2	8.4	(21.8)	(8.2)	(8.4)	(0.2)
Non Periodical	1.1	0.5	0.2	16.1	6.3	1.1	(15.0)	(5.8)	(0.9)	(4.9)
Conferences	421.0	175.3	122.1	335.2	221.7	10.1	85.8	(46.4)	112.0	158.4
Grants	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administration	0.0	0.0	0.0	574.1	151.0	152.6	(574.1)	(151.0)	(152.6)	(1.6)
Committee/Other	10.0	3.2	0.2	310.6	127.4	19.7	(300.6)	(123.4)	(19.5)	103.9
Total	2051.9	1336.8	937.0	1904.9	728.7	370.6	147.0	608.1	566.4	(41.7)

End of June 2003	Income			Expense			NET			Variance
	Annual	YTD		Annual	YTD		Annual	YTD		
	Budget	Budget	Actual	Budget	Budget	Actual	Budget	Budget	Actual	
Investment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Periodicals	1619.8	1332.1	979.5	647.1	319.5	222.2	972.7	1012.6	757.3	(255.3)
Newsletters	0.0	0.0	0.0	21.8	10.0	8.3	(21.8)	(10.0)	(8.3)	1.7
Non Periodical	1.1	0.6	0.2	16.1	7.6	1.3	(15.0)	(7.0)	(1.1)	5.9
Conferences	421.0	210.4	523.6	335.2	266.2	414.6	85.8	(55.8)	109.0	164.8
Grants	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Administration	0.0	0.0	0.0	574.1	181.3	183.1	(574.1)	(181.3)	(183.1)	(1.8)
Committee/Other	10.0	4.8	0.2	310.6	153.1	30.2	(300.6)	(148.3)	(30.0)	118.3
Total	2051.9	1547.9	1503.5	1904.9	937.7	859.7	147.0	610.2	643.8	33.6

Wilamowski reviewed finances for each publication and pointed out that NNS is not increasing membership subscription rates at this time. Wilamowski also presented the statistics for the subscriptions to transactions. The trend is decreasing each year.

A discussion on the over the page count line item identified in the budget was held. David Fogel requested the discussion be deferred to the next ExCom Meeting.

Motion	Approve the Budget as presented		
Approved – All (13)	Opposed None	Motion from Fin Com	Abstain None

Nominations and Elections, Piero Bonissone

Piero Bonissone presented an overview of the timeline for Nominations, Elections, and Service (included in the AdCom meeting book).

AdCom Member Candidates were presented as follows:

Tom Cholewo
 Don Wunsch
 Jerry Mendel
 Witold Pedrycz
 Lipo Wang
 Zhi-Qiang Liu
 Bernadette Bouchon-Meunier
 Carlos Coello Coello
 Gary Fogel

Zurada requested that in the future, bios for each person nominated should be distributed to AdCom members prior to the AdCom meeting. He also reminded everyone that 15 supporting signatures of NNS members in good standing and holding at least member grade, are required to be added to the list of AdCom candidates.

Benjamin Wah suggested that the list of candidates be approved by the AdCom to show a more thorough approval process for the AdCom members. He also suggested that a statement be obtained from the nominees, identifying their goals and qualifications.

Nominations from the floor for a list of AdCom members:

Enrique Ruspini nominated George Lendaris
 Toshio Fukuda nominated K. Hirota
 Zin Yao nominated Benjamin Wah (nomination declined by Benjamin Wah)
 Mohamed nominated Bob Marks

Motion to close nominations for AdCom members from the floor		
Approved – All (13)	Opposed None	Seconded Abstain None

The candidate(s) nominated by the Nominations Committee for the position of Vice President, Finances is as follows:

Piero Bonissone

There were NO nominations from the floor

Motion	Close nominations for Vice President, Finances	Seconded
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Approved – All (13)	Opposed None	Abstain None
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The candidate(s) nominated by the Nominations Committee for the position of Vice President, Conferences is as follows:

Mohamed El-Sharkawi
Okyay Kaynak

There were no nominations from the floor.

Motion	Close nominations for Vice President, Conferences		Seconded
Approved – All (13)	Opposed None	Abstain None	

The candidate(s) nominated by the Nominations Committee for the position of Vice President, Technical Activities is as follows:

Gary Yen
Bob Marks

There were no nominations from the floor.

Motion	Close nominations for Vice President, Technical Activities		Seconded
Approved – All (13)	Opposed None	Abstain None	

Motion	Include a 1-page bio and position statement in the AdCom meeting book for all candidates nominated by the nominations committee.		Seconded
Approved All (13)	Opposed None	Abstain None	

Lunch break 12:10 – 1:00

After a lunch break, the meeting continued with elections.

Election — Vice President, Finance

Motion	Vote for Vice President Finance, Piero Bonissone		Seconded
Approved All (13)	Opposed None	Abstain None	

Election — Vice President, Conferences

Okay Kaynak and Mohamed El-Sharkawi presented and discussed their goals for the position of Vice President, Conferences.

The NNS went in to Executive Session, 1:16 – 1:28
Ballots were distributed and counted for Vice President, Conferences

Okay Kaynak was elected NNS Vice President, Conferences

Election — Vice President, Technical Activities

Gary Yen presented and discussed his goals for the position of Vice President, Technical Activities.

Bob Marks was unable to attend due to a family emergency.

The NNS went in to Executive Session, 1:45 – 1:55
Ballots were distributed and counted for Vice President, Technical Activities

Gary Yen was elected NNS Vice President, Technical Activities

Vice President, Conferences – Marios Polycarpou

Marios presented an overview on the status of the conferences.

IJCNN

- **2000:** Como, Italy (closed, \$41K surplus)
- **2001:** (INNS) Washington DC
- **2002:** WCCI – Honolulu, Hawaii (closed; \$101K surplus; ~1250 participants)
- **2003:** (INNS) Portland, Oregon, July 20-24, 2003
 - GC: Don Wunch; PC: Michael Hasselmo
 - 711 papers submitted; ~ 85% accepted.
 - DeLiang Wang kept closely involved as Program Co-chair
- **2004:** *Joint IEEE IJCNN 2004 and FUZZY-IEEE 2004*
 - Budapest, Hungary; General Chairs: Tamas Roska & Laszlo Koczy; Dates: July 25-29, 2004
 - webpage: <http://www.conferences.hu/budapest2004>
 - Venue: Hotel Inter-continental Budapest & Hyatt Regency Budapest.
- **2005:** (INNS) Location?
- **2006:** WCCI
 - Proposal for WCCI 2006:
 - General Chair: Gary Yen
 - Venue: Vancouver, Canada
- **2007:** (INNS)
- **2008:**
 - Initial interest by one group to organize it in Hong Kong (Zhi-Qiang Liu)
 - Proposal ideas are encouraged

Motion	Approve Gary Yen as the General Chair of the 2006 IEEE World Congress on Computational Intelligence (WCCI 2006), to be held in Vancouver, Canada, and its budget subject to the condition that hotel contract is reviewed, and that registration waivers are reconsidered, and submitted to ExCom for approval by August 30, 2003.		
			Seconded
Approved	All (13)	Opposed	None
			Abstain None

FUZZY-IEEE

- **2000:** San Antonio (closed; Loss \$21,728)
- **2001:** Melbourne, Australia, December 2001, (closed; surplus ~\$17K)
 - GC: Zhi-Qiang Liu; ~360 participants; 401 papers accepted out of 508 papers submitted
 - Keynote Speakers: Zadeh, Mendel
- **2002:** (WCCI), Honolulu, Hawaii.
- **2003:** Location: St. Louis; GC: Jim Keller; Dates: May 25-28, 2003
 - 276 registrants; 200 attended; (estimated surplus \$20-30K)
- **2004:**
 - Budapest, Hungary; Held jointly with IJCNN; Dates: July 25-29, 2004
- **2005:** Proposal for FUZZY-IEEE 2005 (in Appendix):
 - * General Chair: Jim Bezdek;
 - * Program Chairs: Nikhil Pal and Raghu Krishnapuram.
 - * Location: Reno, Nevada;
- **2006:** WCCI

Motion	To approve Jim Bezdek as General Chair of 2005 IEEE International Conference on Fuzzy Systems, to be held at the Atlantis Hotel, Reno Nevada, May 22-25, 2005, and the budget for the conference, subject to including full registration numbers in the banquet, and revision of registration prices to have non-member prices at \$150 above member rates, and onsite registration for students at \$150.		
			Submitted by Committee
Approved	All (13)	Opposed	None
			Abstain None

Congress on Evolutionary Computation – CEC

- **2000:** La Jolla, CA (Closed; Surplus \$9,238)
- **2001:** Seoul, South Korea; May 27-30, 2001 (Closed; Surplus \$548)
 - Total Registrations: 200. Accepted papers 198 (out of 250 submitted)
- **2002:** (WCCI), Honolulu, Hawaii.
- **2003:** Canberra, Australia; GC: Bob McKay; Dates: December 8-12, 2003;
 - Co-sponsored by IEEE/NNS 40%, EPS 20%, IEAust 40%; MoU signed.
 - Submissions due June 14; Plenary Speakers: K. Deb, J. Mattick, K. Sigmund.

- Conference venue booked; Local firm hired for registration & bookkeeping.
- D. Essam has replaced H. Abbass as Finance Chair
- R. Sarker has replaced D. Green as Technical Co-Chair
- Concerns: SARS, Terrorism, US\$ - A\$ exchange rate.
- **2004:** Portland, OR; June 20-23, 2004; GC: G. Greenwood; PC: G. Fogel
 - Change in percentages of co-sponsorship from: IEEE/NNS 33.3%, EPS 33.3%, IEE 33.3% → IEEE/NNS 67%, EPS 33%, IEE 0%.
 - Hotel contract signed; Conference organizers appointed.
- **2005:** Proposal for CEC 2005 (in Appendix):
 - General Chair: David Corne
 - Location: Edinburgh, Scotland
 - Dates: 2-5 September 2005.
- **2006:** WCCI

Motion	To approve Dave Corne as General Chair of the 2003 Congress on Evolutionary Computation (CEC 2005), to be held at the University of Edinburgh, September 2-5, 2005 and its budget.
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Submitted by Committee

Approved – All (13)

Opposed None

Abstain None

CIFEr

- **2000:** New York City, March 26-28, 2000 (now closed; Loss \$19,228).
- **2001:** Cancelled
- **2002:** WCCI has included some sessions.
- **2003:** Location: Hong Kong; GC: Lei Xu; March 21-23, 2003
 - Recent report by Lei Xu.
 - 130 submissions; 58 papers accepted
 - Conference held jointly with IDEAL03 (2003 Conference on Intelligent Data Engineering and Automated Learning); 310 submissions
 - Both conferences together attracted 150 participants
 - Participation negatively affected by outbreak of SARS and by war in Iraq.
 - Estimated to make a small surplus.
- **2004:**
 - Conference of Financial Engineering in New York City
 - Organizers: Lei Xu (Hong Kong) and Thomas Coleman (Cornell)
 - No proposal was received by deadline of submitting materials for AdCom Report.
- **2005:** Possibly in London;
 - Discussions with M. Dempster (Cambridge) and T. Coleman (Cornell). No final decision has been made
 - Plans are still unclear
- **2006:** WCCI

Other NNS Conferences

- **VIMS '02:** (IEEE International Workshop on Virtual and Intelligent Measurement Systems)
 - GC: V. Piuri (50% sponsorship for the NNS).
 - Surplus of \$112.
- **SIS 2003:** Swarm Intelligence Symposium 2003
 - April 24-26, 2003; Indianapolis, IN.
 - General Chair: Yuhui Shi; Program Chair: Russ Eberhart; Tutorial Chair: Jim Kennedy, Finance Chair: Rich Pfile.
 - 5% co-sponsorship by IEEE Central Indiana Section.
 - ~60 participants; 47 papers submitted; 36 accepted.
 - Next Symposium will be organized in 2005.
- **CIMSA 2003:** (IEEE International Symposium on Computational Intelligence for Measurement Systems and Applications)
 - Dates: 29-31 July 2003; Location: Lugano, Switzerland,
 - Will cover the theory and practice of soft computing in measurement systems and applications.
 - V. Piuri; 50% sponsorship for NNS, other half with IEEE I&M.
- **CIMSA 2004:** (IEEE International Conference on Computational Intelligence for Measurement Systems and Applications)
 - Dates: 14-16 July 2004
 - Location: Boston, MA.
 - 50% sponsorship for NNS, other half with IEEE I&M Society.
 - General Chairs: Cesare Alippi, Enrique Ruspini
 - Program Chairs: Evangelia Micheli-Tzanakou, Mel Siegel
 - Budget in Appendix.

Motion	To approve Cesare Alippi and Enrique Ruspini as General Chairs of the 2004 IEEE Conference on Computational Intelligence for Measurement Systems and Applications (CIMSA 2004) in Boston, MA, on July 14-15, 2004 and its budget.
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Submitted by Committee

Approved – All (13)

Opposed None

Abstain None

- **IEEE CIBCB 2004 Proposal**
 - IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology (IEEE CIBCB).
 - GC: Gary Fogel; Technical PC: Dave Corne.
 - Dates: Oct. 7-8, 2004.
 - Location: La Jolla Marriott.
 - Budget in the Appendix.

Other NNS Conferences (continued)

- IEEE CIG 2005 Proposal
 - 1st IEEE Symposium on Computational Intelligence and Games.
 - GC: Simon Lucas; General Co-Chair: Graham Kendall.
 - Dates: April 2005.
 - Location: University of Essex, U.K.
 - Budget in the Appendix.

Motion	To approve Gary Fogel as the General Chair of the 2004 IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology to be held in La Jolla, CA, October 7-8, 2004, and its budget.	
	Submitted by Committee	
Approved – All (13)	Opposed None	Abstain None

Motion	To approve Simon Lucas and Graham Kendall as General Chairs of the 2005 IEEE Symposium on Computational Intelligence in Games (CIG 2005), to be held at Essex University, U.K., and its budget, in April 2005, with subsequent detailing of specified dates.	
	Submitted by Committee	
Approved – All (13)	Opposed None	Abstain None

- IEEE CIHSPS 2004 Proposal
 - 2004 IEEE International Conference on Computational Intelligence for Homeland Security and Personal Safety (IEEE CIHSPS 2004).
 - General Chairs: David Fogel and Vincenzo Piuri.
 - Program Chairs: Marco Gori and Enrique Ruspini.
 - Dates: 21-22 July, 2004.
 - Location: Venice, Italy.
 - Budget in the Appendix.

Motion	To approve David Fogel and Vincenzo Piuri as General Chairs of the 2004 IEEE Conference on Computational Intelligence for Homeland Security and Personal Safety (CIHSPS 2004), to be held in Venice, Italy, July 21-22, 2004, and its budget.	
	Submitted by Committee	
Approved – All (13)	Opposed None	Abstain None

In-Cooperation Conferences

- 12th International Conference on Artificial Neural Networks, ICANN 2002; held from August 27-30 2002; Madrid, Spain.
- 2002 International Symposium on Nonlinear Theory and its Applications; held between October 7-11, 2002; at Xi'an Jiaotong University, Xi'an, PR China. Website: <http://risa.is.tokushima-u.ac.jp/NOLTA2002/>
- ANNIE 2002 conference to be held in St. Louis MO on November 3-6, 2002.
- The IFAC International Conference on Intelligent Control & Signal Processing (ICONS 2003) will be held from 8 to 11 April 2003, in the University of Algarve, Faro, Portugal.
- ESANN 2003: European Symposium on Artificial Neural Networks will be held in Bruges, Belgium on April 23-25, 2003. Website: www.dice.ucl.ac.be/esann
- PerMIS'03: Performance Metrics for Intelligent Systems Workshop. It will be held in Gaithersburg, MD between 16-18 September 2003.
- KIMAS 2003: Conference on Knowledge Intensive Multi-Agent Systems will be held in Boston on 2-4 October 2003.
- WSOM'03: Workshop on Self-Organizing Maps; It will be held in Kitakyushu City, Japan between 11-14 September 2003.
- ICAISC-2004: International Conference on Artificial Intelligence and Soft Computing; to be held in Zakopane, Poland between 7-11 June 2004.

Polycarpou reported on the brainstorming session held by the Conferences Committee.

Some Topics for Discussion

- Initiation of new conferences sponsored by the NNS.
- Having WCCI every two years instead of every four years.
- Initiation of a Conference on Applications of Computational Intelligence (CACI)
- Distribution of NNS conferences in terms of time and location.
-

A short break was taken – 3:25-3:35

Micheli-Tzanakou requested that each conference chair submit conference proceedings to the Vice President, Conferences.

Vice President, Publications – David Fogel

David Fogel turned the presentation over to the Editors for their reports

IEEE Transactions on Neural Networks– Jacek Zurada

Jacek Zurada's presentation is included in the NNS AdCom book.

Transactions on Fuzzy Systems – Jim Keller

Jim Keller's presentation is included in the NNS AdCom book.

Keller reminded everyone that submissions for the upcoming special issue of the Advances of Fuzzy Systems in Robotics are due by 1 October 2003 (vs. 1 October 2004 as listed in the AdCom meeting book).

Evolutionary Computation Technical Committee – Xin Yao

Xin Yao's presentation is included in the NNS AdCom book.

NNS Newsletter Gary Yen

Gary Yen distributed the current NNS Newsletter.

Yen's presentation is included in the NNS AdCom book.

NNS Web Page Tom Cholewo

Tom Cholewo's presentation is included in the NNS AdCom Book.

David Fogel's detailed presentation is included in the NNS AdCom meeting book.

Fogel discussed the following pending issues:

Member circulation

OFAC

US Department of Treasury is limiting publications within IEEE from a few identified countries (Iran, Iraq, Saudi Arabia, Sudan, Cuba). IEEE is meeting with the Treasury Department requesting a waiver.

Books

4 have been approved

David Fogel presented a new transaction on Autonomous Mental Development.

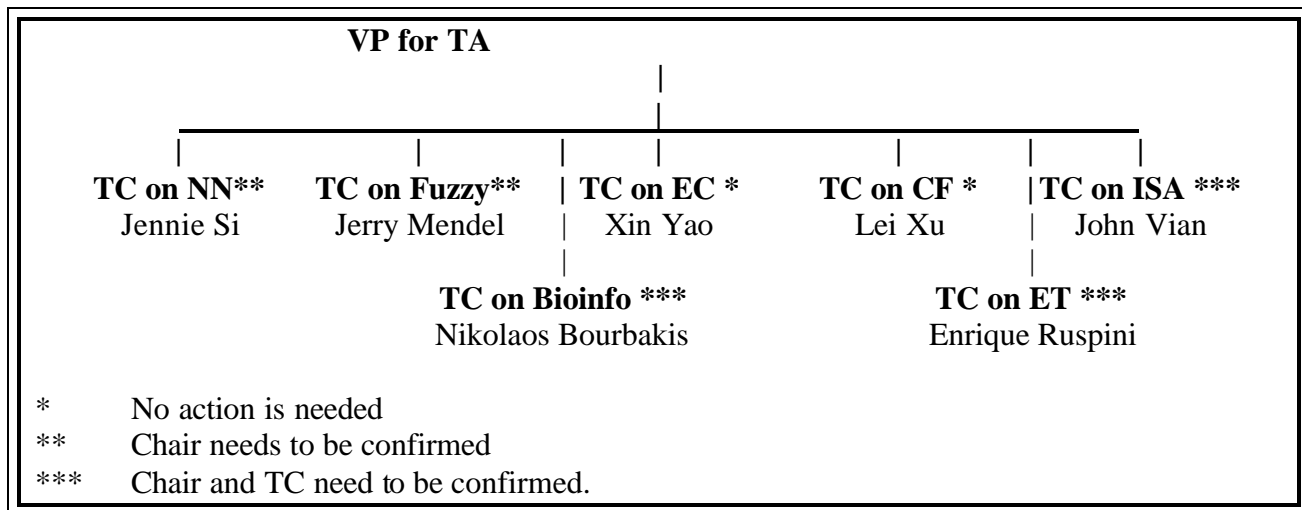
Motion	To approve the creation of IEEE Transactions on Autonomous Mental Development, sponsored by the IEEE Neural Networks Society.	
	Submitted by Publications Committee	
Approved (11)	Opposed None	Abstain (2)

Motion	Approve the IEEE Neural Networks Society President's Appointment of Marios Polycarpou as Editor-in-Chief of IEEE Transactions on Neural Networks for the Term of 2004-2005.		
	Submitted by Publications Committee		
Approved	All	Opposed	None
			Abstain None
Motion	Move to thank Jacek Zurada for 6 years of dedicated service as editor in Chief.		
			Seconded
Approved	All (13)	Opposed	None
			Abstain None

Vice President, Technical Activities – Mohamed El-Sharkawi

Mission of Technical Committees – TCs ensure active and healthy technical activities programs that operate in the best interest of the members and contribute to the overall technical growth and vitality of the NNS.

Structure of Technical Committees



Technical Activities through Task Forces

Concept of TF

- The TCs are "Standing Committees."
 - TC scope is substantial and its duration is indefinite.
- The TC conducts its technical activities via Task Forces (TF) or Working Groups (WG).
 - A TF committee deals with a specific narrow assignment which, when completed, will terminate the committee.
 - A WG is similar to the TF, but
 - Its assignment is wider in scope
 - Its duration is longer

TF & WG

- TC may find it necessary to organize one or more Task Forces comprised of members (and when necessary, nonmembers) of the NNS.
- The Task Force is established by the Chair of the Technical Committee to investigate, evaluate and recommend action to the TC on special matters brought before it.
- The chair of the task force is selected by the TC chair.
- The task force name will normally include the subject area for which it was created or assigned.
- Assist TC Chairs in recognizing and nominating outstanding technical leaders for awards
- Encourage TCs with common technical interests and overlapping scopes to sponsor joint technical activities, such as workshops, symposia, and newsletters.

Examples of TF & WG Activities

- Investigate certain technology or application relevant to the NNS.
- Publish a task force paper to establish the TC position on a given technical issue
- Organize technical sessions, panel sessions, special sessions and tutorials
- Recommend changes or establishment of a NNS standard

Evaluation of TF & WG

- TC periodically examines the scope and vitality of each TF and WG.
 - TC will change the scopes or activities of the TF & WG when deemed necessary.
 - TC will recommend creation, termination or merging of TF & WG.

Established TFs**TFs of NNTC**

- Adaptive Critics
- Speech and Audio Processing
- Adaptive Learning Systems
- Cellular Neural Networks
- Complex Systems
- Neural Ancillaries
- Graph Theory & Neural Nets
- Neuroinformatics
- Structures and Training

TFs of ECTC

- Evolvable Hardware
- Evolutionary Computation and Games
- Multi-Objective Evolutionary Algorithms
- Artificial Immune Systems
- Bioinformatics and Computational Biology
- Swarm Intelligence
- Evolutionary Scheduling and Timetabling

TFs of TCFuzzy

- Applications
- Extensions of Type-1 Fuzzy Sets
- Interval Computations and Fuzzy Techniques
- Autonomous Mental Development
- Computational Neuroscience/Neuromorphic Engineering
- Quantum Computing

New Technical Committees**TC on Bioinformatics**

- Interest in solving problems related with the molecular structures of living organisms, especially humans.
- Synergy
 - Computational Biology, Computational Chemistry, Computer Science, Neural Networks, Artificial Intelligence and Evolutionary Methodologies.

TC on Intelligent Systems Applications

- Focus on Applications
 - Cross discipline
 - Applications oriented
 - Enhance industry participation

Sample of Topics for TCISA

- Robotics
- Medicine
- Speech and Image systems
- Power systems
- Control
- VLSI design
- System diagnostics
- Chemical processes
- Networks and Communications
- Finance
-

TC on Emergent Technologies

- Incubator of new technologies
- Identifies new areas for NNS
- Recommends TCs when necessary

Approval of New TC Chairs

TC on NN.....	Jennie Si
TC on Bioinfo	Nikolaos Bourbakis
TC on ET.....	Enrique Ruspini
TC on Intelligent Systems Applications	John Vian
TC on Fuzzy.....	Jerry Mendel

Fogel thanked Mohamed El-Sharkawi for the 2 years he has committed to his position of Vice President, Technical Activities.

Vice President, Membership – Vincenzo Piuri

Status of NNS Chapters

- Created: 13
 - Argentina, BeNeLux, Boston (USA), Chile, Eastern North Carolina (USA), Finland, Hong Kong, Hungary, Kitchener-Waterloo (Canada), Ottawa (Canada), Turkey, UK & Republic of Ireland
- Submitted to IEEE: 9
- In progress: 35

Web Site for Chapter Activities

- Chapters, with officers, contacts and web links
- Petitioners and members
- Chapters' activities

Chapter Promotion at Conferences

- Chapters Meeting
 - Presentation of chapter objectives, structure, and activities
 - Benefits and costs
 - Chapter creation
 - Society support to chapters' activities

Chapter Funding

- Small funding for chapter activities
- Special funding to chapters in economically less-favored countries

Promote Elevation of Outstanding Petitioners to Higher Grades

- Suggest nomination to senior grade
- Suggest nomination to fellow grade

Membership Promotion

IEEE NNS Membership

- 5217 members (May 2003)
- Invitation to join the society

IEEE NNS Membership (continued)

- New services to promote
 - Idealization
 - Visibility
 - Knowledge Accessibility
 - Industrial Controls
 - Continuous Education
 -

Motion	NNS endorse technical cooperation to the International Masters Degree Program on Soft Computing for Industrial Applications (IMSCIA)		Submitted by ExCom
Approved	All (13)	Opposed	None
			Abstain None

 Standing Committee Reports

Distinguished Lecture Program – Toshio Fukuda

- The IEEE Distinguished Lecturers Program is one of the most exciting offerings available to the IEEE Society Chapters. The Program is intended to serve as a convenient resource, especially for Sections and Chapters, to assist them in planning high quality programs for their membership.
- Distinguished Lecturer Programs operate according to procedures defined by the sponsoring Society or Council. Some programs are available to any IEEE entity (Chapter, Section, Student Branch), as well as to non-IEEE entities (e.g., universities), while others are restricted to use only by the Chapters of the sponsoring Society. Some Societies provide full or partial financial support for speaker travel expenses. In some cases this support is limited only to the Chapters of the sponsoring Society, in other cases there are no restrictions.
- Information on the individual programs is available from a series of auto-retrievable text files. Each file includes the name and contact information for each speaker and the topics that he/she will present. The name, address, phones, fax and e-mail of each Program Coordinator is provided with details of the program's procedures (where available).
- Please direct your comments and suggestions to: Society General Activities IEEE Technical Activities 445 Hoes Lane, PO Box 1331 Piscataway, NJ 08855-1331 USA P: +1 732 562 3904; F: +1 732 981 1769 e-mail: society-lecturers@ieee.org

NNS DLP Committee

Purpose:

1. Look for Distinguished Lecturers Candidates in the world in coordination with Chapters
2. Nominate them to DLP
3. Keep track of the DLP records
4. Members: 2 years terms and reappointed, if necessary.

Committee Members

- Russell Eberhart
- Toshio Fukuda (Chair)
- Kaoru Hirota
- Jim Keller
- Xin Yao

NNS DLP Program (as June 20, and modified on July 1)

1. Objectives
2. Nominations
3. Appointments
4. Reappointments
5. DLP Eligibility
6. DLP Lectures
7. Steps for organizing a distinguished lecturer visit

Objective

- The goal of the NNS Distinguished Lecturer Program is to serve the needs of the members of the NNS Society, in particular those engineers working in industry and government, to enhance their professional vitality by keeping them informed of the latest research advances and their practical applications. A request for sponsorship of a lecture by one of the NNS Distinguished Lecturers must be made by a NNS Chapter Chair, and speakers should tailor their talks to serve the above purpose. Chapters are strongly encouraged to make use of this program.
- The NNS Distinguished Lecturer Program is not intended to provide speakers for conferences or for university seminars.)

Nominations

- NNS Distinguished Lecturers are nominated by Chapter Chairs or by the DLP committee and serve for a term of two years.

Appointments

- NNS Distinguished Lecturers are submitted by the NNS DLP committee for approval and are appointed by the NNS Executive Committee with the consent of the NNS Administrative Committee.

Reappointments

- Distinguished Lecturers may be reappointed indefinitely but must deliver at least one lecture in their previous period of appointment. The latter requirement may be waived by the NNS Administrative Committee.

Eligibility

- NNS Distinguished Lecturers should be NNS members in good standing who have advanced to Fellow grade. This requirement may be waived by the NNS President on special cases.

Lectures

- Upon appointment, NNS Distinguished Lecturers should provide the DLP Chair with contact information and titles of their lectures. Within a period of 90 days after their appointment, Distinguished Lecturers should also provide electronic versions of their presentation material for posting on the NNS WWW site.

Steps for organizing a Distinguished Lecturer Visit

- 7.1 Based on the interests of the members, the Chapter Chair chooses a topic and lecture from the list of current DLP lecturers and topics. The chair should contact the lecturer directly, copying the DLP Chair (address above), and work out preliminary details of the visit (chapter event, date, location, etc.).
- 7.2 This preliminary information, including an estimate of the cost, should be sent to the DLP Chair for approval. In general, the Lecturer's travel expenses will be reimbursed up to a maximum of \$1500. If expenses are incurred by the chapter, e.g., for hotel accommodations or for refreshments at the time of the lecture, they are paid to the chapter through IEEE. However, expenses to the lecturer will be paid first.
- 7.3 After the visit is approved by the DLP chair, the Chapter Chair should contact the lecturer to finalize arrangements. The lecture should be open to all members of IEEE. The chair is expected to publicize the event in the chapter or section newsletter and/or by special mailings to all members of the section. The event must be announced as "sponsored by the Neural Networks Society under its Distinguished Lecturer Program", and the lecturer should be mentioned as a NNS Distinguished Lecturer. If other IEEE societies or other organizations have offered to support this chapter activity, then proper acknowledgment of them should also be made.
- 7.4 Immediately following the event, the Chapter Chair should send a summary report to the DLP chair including information on the date and title of the lecture, a copy of the announcement/publicity, etc.
- 7.5 Reimbursement: The lecturer (and the chapter officers, if necessary) should retain receipts for all expenses, airline ticket stubs, etc. (See 7.2 above.) Following the event, the lecturer should complete the IEEE travel reimbursement form and send it by email or fax to the DLP chair. Hardcopy of the spreadsheet and original receipts should be mailed to the NNS Vice-president, Finance. If chapter officers require reimbursement, they should contact the DLP chair for instructions.

List of Speakers 2003

1. James C. Bezdek *
2. Russell C. Eberhart *
3. Rolf Eckmiller
4. Mohamed A. El-Sharkawi*
5. David B. Fogel *
6. Toshio Fukuda *
7. Kaoru Hirota
8. James Keller *
9. Robert J. Marks II *
10. Kumpati S. Narendra *
11. Enrique H. Ruspini *
12. Harold Szu
13. Gancho Vachkov
14. Xin Yao*
15. Lotfi A. Zadeh *
16. Jacek M. Zurada *

*Fellow

Fukuda requested exception to NNS fellow requirement and approval of the following non-fellow speakers

Rolf Eckmiller
 Kaoru Hirota
 Harold Szu
 Gancho Vachkov

Motion	Approve the list distinguished lecturers for 2003.		Seconded
Approved – All (13)	Opposed None	Abstain None	

Motion	Approve the DLP guidelines.		Seconded
Approved 10	Opposed 1	Abstain None	
2 voting members were out of the room during this vote.			

Education — Slawo Wesolkowski

Slawo Wesolkowski's report is included in the NNS AdCom book.

Wesolkowski reported there were 4 grant awards out of 7 applications.

Travel grants are at a 50% acceptance rate and 2 articles were published in the last newsletter.

Standards — Enrique Ruspini

Ruspini reported that the activities of the Standard Committee have been directed towards the development of an ontology of Computational Intelligence concepts and their relations.

Women in Computational Intelligence — Mary Lou Padgett

Increase the participation of women in the field of Computational Intelligence

- Provide *leadership opportunities*
- Provide *guidance and encouragement*
- Increase the *number of qualified* women in Computational Intelligence

Membership

- Membership is open to men and women.
- Voting membership requires membership in the IEEE Neural Networks Society.
- Members as of 7/19/03
 - Mary Lou Padgett (Chair)
 - Jennie Si
 - Valerie Cross
 - Okyay Kaynak
 - Gary Yen
 - Don Wunsch
 - Toshi Fukuda
 - Marios Polycarpou
 - Mohamed ElSharkawi
 - Vincenzo Piuri
 - Paul Werbos
 - Evangelia Micheli-Tzanakou (honorary)

Liaisons

- **NNS Conference Committee – Jennie Si**
 - IJCNN – Don Wunsch
 - FUZZ – Valerie Cross
 - EC – Xin Yao (with Tina Yu)
 - WCCI – Gary Yen
 - Tutorials – Mary Lou Padgett
- **NNS Publications Committee – Marios Polycarpou**
 - Newsletter – Gary Yen
- **Members Activities– Vincenzo Piuri**
 - Toshi Fukuda and Okyay Kaynak
- **Technical Activities – Jennie Si**
 - NN TC – Jennie Si
 - FS TC – Valerie Cross
 - EC TC – Xin Yao (with Tina Yu)
 - Bioinformatics and Bioengineering TC – Evangelia Micheli-Tzanakou
- **Awards** – Mary Lou Padgett
- **Distinguished Lecturers** – Toshi Fukuda
- **Educational Activities** – Mo ElSharkawi

- **Fellows, Standards, others – open**
Other liaisons will be solicited.
Committee chairs are requested to transmit liaison recommendations to
Mary Lou Padgett, m.padgett@ieee.org

Subcommittees of WIC*

- **Mentor Program – Don Wunsch**
- **Speakers – Campus and Chapters**
Chapters – V. Piuri
Outreach – Toshi Fukuda and Okyay Kaynak
- **Website – Mary Lou Padgett**
Member enrollment option
Email comment option
Links to educational material
- **Publications – Marios Polycarpou**
Interactive multimedia – Mo ElSharkawi
Newsletter – Gary Yen
- **Conferences – Okyay Kaynak**
Tutorial participation – Mary Lou Padgett
Technical participation – Jennie Si, Valerie Cross , Xin Yao
Networking opportunities – Gary Yen, Paul Werbos, Mary Lou Padgett
- **Off-campus Outreach**
 - There is a special need to train women to teach women who cannot attend traditional schools, and/or those being home-schooled.
 - Supplements to existing educational material or new texts / workbooks are urgently needed.
 - US and World-wide
 - Problems, examples, experiments
 - Printed and web

* Note: These appointments are to be confirmed and details worked out

Activities

- Organization and recruiting
- Dutch-treat dinner and discussion
– IJCNN Portland Tuesday PM
- Development of educational resources
– Home-schooling preparation for engineering
– Training of women teachers

Activities: Organization and Recruiting

- Brainstorm in Portland
- Pick a few areas to begin implementing
- People who have been subjected to limits need some extra advice and mentoring.
- Women, husbands, fathers, and any supportive people included in activities and leadership

Activities: Dinner and Discussion

- IJCNN Portland – Tuesday PM – Dutch
 - Topics of potential interest include
 - Resume
 - Job search
 - Committee appointments
 - Education
 - Adult / postgraduate, campus, high school, young children, women in underdeveloped areas

Activities: Development of Educational Resources

- Areas such as
 - Math
 - Engineering
 - Biology
 - Computers
 - “Girls can do it” literature
- Primary need for good, interest-provoking example problems and solutions.

Activities: Areas of Development

- Extreme need in two areas
 - **Home-schooling preparation for engineering**
 - Acute shortage of home-schooling material in Calculus.
 - Growing need – we have the resources to meet.
 - *Add CI problems, examples and activities.*
 - **Training of women teachers**
 - Many women can only be educated by another woman
 - We need to provide materials for teacher training for women not part of a traditional educational setting – similar to home-schooling needs, but extending to a higher level.
 - We should help education women, and provide the books they need to teach!
 - Introductory engineering material should be available for the MANY people (men and women) who cannot get to a university campus.
 - *Add CI problems, examples and activities.*

Report: First WIC Meeting

- Introductions and discussion
- Activities Planned
 - Email list, moderated by Padgett
 - Website for educational links
- Include supporting technologies
 - Mathematics
 - Computers
 - Biology
 - Others

- Start with single page of links, and sign-up CGI
- Developed and maintained by WIC Chair, Padgett
- Link suggestions to come from committee, interested parties
- Facilitate networking at conferences

Awards Committee — Paul Verbos

Motion	Approve Andy Barto for the 2004 IEEE Neural Networks Society Pioneer Award		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve Carver Mead for the 2005 IEEE Neural Networks Society Pioneer Award		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve Richard Frieberg for the 2004 IEEE Neural Networks Society Evolutionary Computation Pioneer Award		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve Ronald Yager for the 2004 IEEE Neural Networks Society Fuzzy Systems Pioneer Award		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve Enrique Ruspini for the 2004 IEEE Neural Networks Society Service Award		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve “Designing fuzzy inference systems from data: An interpretability oriented review,” IEEE Trans. on Fuzzy Systems, vol. 9, no. 3, 2001, pp. 426-443, S. Guillaume, to receive the 2004 IEEE Neural Networks Society Transactions on Fuzzy Systems Outstanding Paper Award.		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None		Abstain None

Motion	Approve “Distributed-information neural control: The case of dynamic routing in traffic networks,” IEEE Trans. Neural Networks, vol. 12, no. 3, 2001, pp. 485-502, M. Baglietto, T. Parisini, and R. Zoppoli, to receive the 2004 IEEE Neural Networks Society Transactions on... get from Werbos.		
		Submitted by Awards Committee	
Approved – All (13)	Opposed None	Abstain None	

Old Business

None

New Business

David Fogel shared that he wanted to recognize the services of the outgoing Vice Presidents. Micheli-Tzanakou agreed and reiterated thanks to all outgoing Vice presidents.

Motion	In the future, the NNS AdCom book may be distributed electronically.		
		Seconded	
Approved – All (13)	Opposed None	Abstain None	

The next ExCom/AdCom will be in late October or early December.

The meeting adjourned at 6:25PM.