

IEEE Neural Networks Society

Administrative Committee (AdCom) Meeting

Hyatt Regency Reston
Reston, Virginia

23 November 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

Control Systems	Jennie Si
Engineering in Medicine and Biology Science	Nicolaos Karayiannis
Industrial Electronics	Okyay Kaynak
Industrial Applications	Alfio Consoli
Instrumentation and Measurement	Cesare Alippi

Society Representatives Attendance via Conference Call

Circuits and Systems	Peter Wu
Signal Processing	Jose Principe
Systems, Man and Cybernetics	George Lendaris

Non-Voting Members in Attendance

Division X Director	Enrique Ruspini
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
Secretary	Ann Johnston

Evangelia Micheli-Tzanakou called the meeting to order at 8:45 AM. Micheli-Tzanakou welcomed everyone, dialed the conference call number, shared general announcements, took roll call, and moved on to review the agenda.

Agenda

Micheli-Tzanakou presented changes to the agenda

Motion	Move to approve agenda as revised in the AdCom book.		
			Seconded
Approved – All	Opposed – None		Abstain - None

Minutes

Micheli-Tzanakou presented the minutes from the AdCom meeting on 20 July 2003, and requested the following corrections:

	<u>Change from...</u>	<u>Change to...</u>
Page 3-4	Council Officers	Society Officers
Page 17	co-chair	vice-chair
Page 23	6.2... remove Vice President Elect for Finance	Vice President for Finance
Page 26	remove the word elect	

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

Vice President, Technical Activities – Mohamed El-Sharkawi

Mohamed El-Sharkawi presented the status of the NNS technical activities. During the past few years, the technical committees have been working successfully through technical task forces.

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

Main Objectives of TF & WG

- investigate, evaluate and recommend action to the TC on special technical matters brought before it.
- 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.

Structure of TF & WG

- TC chair
 - Establishes the TF and WG
 - Selects the chairs of the TF and WG
- Task Forces comprised of members (and when necessary, nonmembers) of the NNS.
- The TF and WG names include the subject areas for which they are created.

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.

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

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 FuzzyTC

- Applications
- Extensions of Type-1 Fuzzy Sets
- Interval Computations and Fuzzy Techniques

TFs of ETTC

- 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

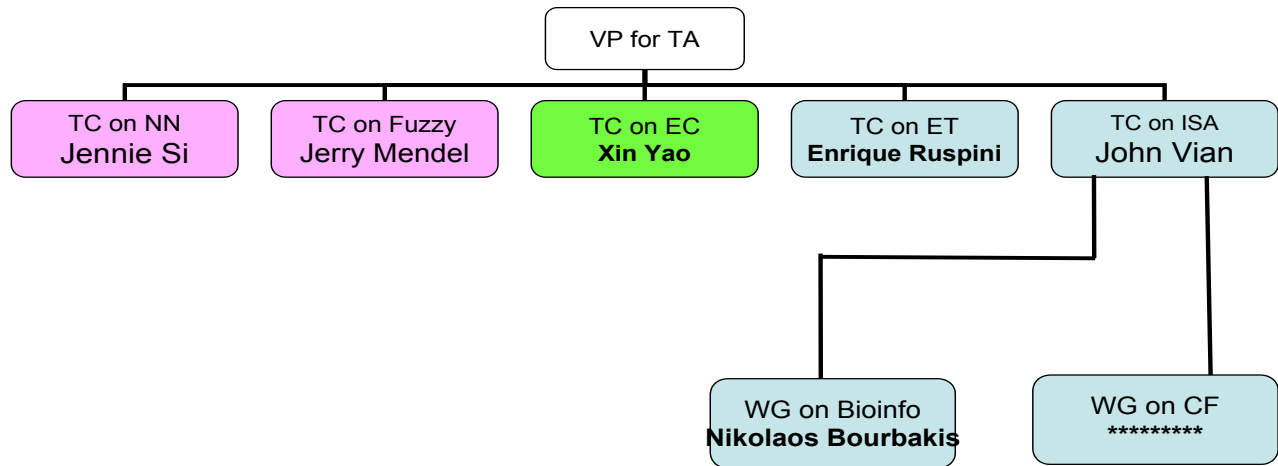
Example of Topics for TCISA

- Power systems
- Medicine
- Homeland security
- Aeronautics
- Control
- Robotics
- Speech and Image systems
- VLSI design
- Chemical processes
- Networks and Communications
- Finance
- Games
-

TC on Emerging Technologies

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

Structure of Technical Committees



New TC Chairs

TC on NN	Jennie Si Department of EE Arizona State University
TC on ET	Enrique H. Ruspini Principal Scientist, Artificial Intelligence Center SRI International
TC on Intelligent Systems Applications	John Vian Technical Fellow Boeing Phantom Works
TC on Fuzzy	Jerry Mendel Electrical Engineering University of Southern California
WG on Bioinfo	Nikolaos G. Bourbakis Director, Information Technology Research Institute Wright State University College of Engineering and Computer Science

TC Management & Evaluation

- Duration of TC chair
- Evaluation of TC chair
 - Activities
 - Effectiveness of TF and WG
- Removal of TC chair
- Change of TC scope

Jose Principe suggested the editors be included in all technical activities task force(s). El-Sharkawi agreed with the suggestion and deferred the decision to Gary Yen.

Technical Committee on Evolutionary Computation – Xin Yao

Highlights: Four New Task Forces

- Task Force on Evolutionary Computation on Finance and Economics
- Task Force on Artificial Life and Complex Adaptive Systems
- Task Force on Evolutionary Computation in Dynamic and Uncertain Environments (ECiDUE)
- Task Force on Co-evolution

Existing TFs Seven existing task forces.

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

Two Major Advantages of Task Forces

- Attracting new blood to NNS
- Expand NNS activities into new and emerging areas
-

Highlights: CEC'03

- Over **400** accepted papers (a little over 70% acceptance) !!!
- This compares with **346** papers at CEC'02.
- We expect another bumper CEC'04 in Portland next year.

Future CECs

- CEC'03 in Canberra, Australia, 8-12/12/2003
- CEC'04 in Portland, OR, USA, 20-23/6/2004 (The effort of using external funding to bring Robert Axelrod to CEC'04 appears to be successful.)
- CEC'05 in Edinburgh, UK
- CEC'06 to be with WCCI'06 in USA

Highlights: Specialist Symposia

This is inherently tied to the TFs.

- **IEEE Symposium on Computational Intelligence in Bioinformatics and Biological Computation**, La Jolla, CA, USA, 7-8 Oct. 2004

- **First IEEE Symposium on Computational Intelligence and Games** at Essex University, UK in 4-6 April 2005.
- **IEEE 2007 SPRING SYMPOSIUM SERIES ON COMPUTATIONAL INTELLIGENCE**, 1-5 April 2007, Hawaii, USA

Future Focus

- More task forces, e.g., theory, ...
- Consider a policy that TF chairs become a member of the technical committee automatically (ex officio)
- Encourage TF chairs to contribute to NNS Newsletters
- Consider having multiple specialist Symposia at the same site and same time (Done by David)
- Consider specialist Symposia co-sponsored by other NNS TCs to reinforce internal collaborations, e.g., NN+EC, Fuzzy+EC

Vice President, Publications – David Fogel

David Fogel presented an overview and update of the NNS Publications.

- Update from editors
- OFAC
- Book Series
- T-AMD
- T-Computational Biology & Bioinformatics
- Manuscript central

NNS Electronic Newsletter - Gary Yen

coNNectionS

Cost Analysis

- 4-color, 16-page/issue
- Approved by NYPO for the second class periodical rate
- Information solicitations/graphic design/computer layout

	Feb	May	Aug	Nov
Press Run	4761	5488	5718	
Cost	\$5,841	\$6,081	\$5,712	
Cost/Copy	\$1,227	\$1,016	\$0.999	

- Cost includes composition, printing/paper/pre-press/binding, mailing, postage-US, Foreign, and Freight
- 500 copies in May were distributed at IJCNN and FUZZ-IEEE
- WCCI 2002 CD-ROM was bundled with May issue, cost \$8,675

coNNectionS November 2003

- Issue logo
- President's Message (vision & inspiration)
- Vice President-Conferences Report
- Society Briefs: NNS Awards, IEEE Fellow Class of 2004, Walter Karplus Summer Scholarship Report, NNS logo competition

- Successful Stories: David Fogel and John Vian
- Feature Article: Autonomous Mental Development by John Weng
- Conference Calendar: CEC 2003; IJCNN/Fuzz-IEEE 2004; CEC 2004; CEC 2003-Canberra Call for Participation;
- Upcoming Special Issues: TNN on Adaptive Learning Systems in Communication Networks; TFS in Advances of Fuzzy Systems in Robotics; TEC on Evolutionary Computation and Games

Feature Articles

- Evolutionary Multiobjective Optimization- February 2003 issue (David Corne)
- Connectionism- May 2003 issue (Asim Roy)
- Type II Fuzzy Sets- August 2003 issue (Jerry Mendel)
- Autonomous Mental Development- November 2003 issue (John Weng)
- Swarm Intelligence- February 2004 issue (Yuhui Shi)
- Fuzzy Bioinformatics
- Quantum Neural Computing
- Fuzzy Internet
- Financial Engineering

Additional Columns Planned

- Book Announcements & Reviews
- CI Tutorials
- Feedbacks from Members
- List of Recent Ph.D. theses in CI
- Advertisements
- to self-sustain
- to outreach
- etc...

Yen solicited comments and suggestions from everyone.

Report on IEEE Transactions on Evolutionary Computation – Xin Yao

Some Highlights

- Special issue on “Evolutionary Multi-objective Optimization” published in April 2003
- Special issue on “EC+DM” in December 2003. Proofs on my desk now!
- Special issue on “Swarm Intelligence” to appear in April 2004

Special Issues

- “Evolutionary Computation and Games”, Deadline 31/7/04. Issue out in summer 2005.
- EC in Uncertain Environments (2005/6)
- Operators and Representations (2006)

Best TEC Paper (2002)

Nomination to the Awards Committee:

- "*The Particle Swarm Explosion: Stability and Convergence in a Multi-dimensional Complex Space*", Feb 2002, by M. Clerc and J. Kennedy

Marketing

- Can IEEE produce an A4 size flyer for distribution?
- Big-bang special issues? E.g., joint SI of TNN, TFS, TEVC on "CI for Security"

NNS Web Page Tomasz Cholewo

Conference Paper Review System

- Conferences using the system:
 - completed: WCCI 2002, ICECS 2002, FUZZ-IEEE 2003, IJCNN 2003, CEC 2003
 - current: CEC 2004, IJCNN 2004, FUZZ-IEEE 2004, CNNA 2004, MELECON 2004
 - planned: IJCNN 2005, WCCI 2006
- Improvements: review assignments based on paper/reviewer topic matches, better author indexing, prototype of registration payments using PayPal (for CEC 2004)

Comet Web File Manager

Installed CWFM at: <http://iee-nns.org/cwfm/>

- allows modifying of the web site content by many independent users
- each user's access can be restricted to specific subdirectory and to specific subset of permissions
- current users: Vin Piuri (directory /chapters), Mohamed El-Sharkawi (/tac), and AdCom private files (/private)

Google Rankings

- Search engine rankings of <http://iee-nns.org> (June rankings in parentheses):
 - neural networks: 1 (1)
 - neural network: 3 (7)
 - fuzzy systems: 8 (10)
 - evolutionary computation: 5 (9)
 - computational intelligence: 8 (6)
 - IEEE: 11 (11) (preceded only by Computer and Communications societies)

Miscellanea

- Working on the new design of the NNS web pages
- Maintained Educational Activities Committee pages and student travel grant application CGI scripts (with Slawo Wesolkowski)
- Ongoing updates of conference listings, editor rosters, etc.

Transactions on Neural Networks Jacek Zurada

Jacek Zurada shared that after 6 years he will be passing the editor position to Marios. Kept page limit to 6-8, Increased electronic submissions by 30%, For years, submissions have been 300 papers per year. Currently submissions are 400. The cost over the last 7-8 years has remained at \$27K. The transaction is currently bringing in \$500K income per year.

Zurada shared the job is massive and asked everyone to support Marios in 2004. Polycarpou will be taking on the job with about 300 pending papers. At this time, there is no planned change to the editorial board.

Zurada thanked everyone for their support.

Jose Principe asked about the page budget for TNN and suggested the publication be converted from quarterly to Monthly. Zurada reported the committee is considering a page increase with the goal to produce a monthly publication. The publication committee will review this and present at the next AdCom.

Principe also asked about the transition from Zurada to Polycarpou. Zurada reported that his database is complete and will be passed to Polycarpou. Polycarpou reported he has started a new database for new work and will use Zurada's database for ongoing work.

Vice President, Finance – Bogdan Wilamowski

The 2003 forecast for NNS is positive \$156K without touching reserves

The estimate predicted at year end is \$545.7K.

Dan Wilamowski presented the NNS financial statements as follows:

NNS Financial Statements

Bogdan M. Wilamowski, NNS VP Finance
Washington, Sunday, November 23, 2003

End of September 2003

NAME	I N C O M E			E X P E N S E			N E T			VARIANCE
	ANNUAL	YEAR TO DATE		ANNUAL	YEAR TO DATE		ANNUAL	YEAR TO DATE		
	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	1351.2	1010.9	647.1	430.3	334.6	972.7	920.9	676.3	(244.6)
NEWSLETTERS	0.0	0.0	0.0	21.8	15.9	31.1	(21.8)	(15.9)	(31.1)	(15.2)
NON PERIODICAL	1.1	0.6	0.2	16.1	11.7	1.8	(15.0)	(11.1)	(1.6)	9.5
CONFERENCES	421.0	315.7	523.6	335.2	399.8	440.2	85.8	(84.1)	83.4	167.5
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	272.2	275.0	(574.1)	(272.2)	(275.0)	(2.8)
COMMITTEE/OTHER	10.0	7.3	0.2	310.6	231.0	66.3	(300.6)	(223.7)	(66.1)	157.6
TOTAL	2051.9	1674.8	1534.9	1904.9	1360.9	1149.0	147.0	313.9	385.9	72.0

YEAR END 2003 INDIVIDUAL S/C RESERVES OUTLOOK

#	S/C Name	2002 Ending Reserves (FM14-02)	2003 Forecasted S/C Net	2003 Subtotal	2003 Infrastr. Savings Adj.	2003 Market Flucuat. Adj.	2003 Estimated worth net	2003 Estimated total net	percent increase
1	SP	\$4,369.2	\$239.6	\$4,608.8	\$204.2	\$610.1	\$5,423.2	\$1,054.0	24.12%
4	CAS	\$2,241.2	(\$270.1)	\$1,971.1	\$129.0	\$266.2	\$2,366.3	\$125.1	5.58%
11	NN	\$2,004.0	\$156.4	\$2,160.4	\$102.4	\$286.9	\$2,549.6	\$545.7	27.23%
13	IE	\$864.6	\$477.8	\$1,342.4	\$52.5	\$176.8	\$1,571.8	\$707.2	81.79%
16	C	\$7,291.6	\$122.9	\$7,414.5	\$523.9	\$1,006.3	\$8,944.8	\$1,653.1	22.67%
18	EMB	\$422.7	(\$30.7)	\$392.0	\$54.7	\$56.6	\$503.3	\$80.7	19.09%
23	CS	\$1,586.8	(\$133.7)	\$1,453.1	\$88.7	\$195.5	\$1,737.3	\$150.5	9.48%
24	RA	\$1,280.4	\$461.1	\$1,741.5	\$68.3	\$229.4	\$2,039.2	\$758.8	59.26%
27	EMC	\$758.6	(\$11.3)	\$747.3	\$28.9	\$98.4	\$874.6	\$116.0	15.29%
31	PE	\$2,880.5	(\$257.0)	\$2,623.5	\$125.1	\$348.4	\$3,097.1	\$216.6	7.52%
34	IA	\$1,295.8	(\$72.3)	\$1,223.5	\$60.6	\$162.8	\$1,447.0	\$151.1	11.66%
36	LEOS	\$5,447.6	(\$198.8)	\$5,248.8	\$176.6	\$687.8	\$6,113.2	\$665.5	12.22%

Basic Proposal

- The new algorithm will apply to only TAB's portion of the IEL/ASPP on-line revenue
- The previous approach will be maintain for the Periodical print generated revenue
- No change (*at this time*) to the Conference Publication revenue distribution approach
- Implementation date: calendar year 2005
- The basic factors in the new algorithm are: Usage, Content and a Base distribution
- The weighting of these factors are: Usage (50%), Content (35%) and Base (15%) (*unchanged from June presentation*)

Products & Services PFC - Periodicals Package Committee
November 2003 Board Series



Algorithm Factors

- Three factors are to be used in algorithm
 - **Base** factor – a portion based on being an entity contributing to the Xplore database – a breadth factor
 - **Content Contribution** factor – a portion based on amount of content in the Xplore database
 - **Usage** factor – a portion based on the usage / access of the content provided

Products & Services PFC - Periodicals Package Committee
November 2003 Board Series



Content Contribution Factor

- A portion of the distribution will be based on the amount of content ("articles") contributed to Xplore
- Publication's portion is proportional to its share of the total periodical article content
 - 1% of "contributed content" → 1% of "contributed content" distribution
- Measure content over a multi-year (3 year) window
 - Smoothing factor
 - Approximately equal to half-life of usage
 - Based on publication date (not date submitted to database)
- Will need to eliminate non-technical magazine content
 - Non-peer review material should be not included in content totals

Products & Services PFC - Periodicals Package Committee
November 2003 Board Series



Usage Parameter

- Usage defined as "Article Views" for on-line material
 - Access of articles' full content (i.e. PDF), not abstracts or search hits
 - Previous calendar year's access of all articles in the database
 - not just past 3 years articles
- "Usage" driver needs to relate to the actual package and it's use
 - Usage only by institutional package users (IEL/ASPP OnLine), not usage in other venues (i.e. member subscription pick-up)
- Publication's portion is proportional to its share of the total institutional periodical package usage
 - if 1% of total "usage" → 1% of "usage" distribution

Products & Services PFC - Periodicals Package Committee
November 2003 Board Series



Motion	Approve the 3-year grant Computational Intelligence and Multimedia: Effective Information Delivery (\$3.6K/year for a total of \$10.8K) in order to assist the web page development of the NNS		
	Motion from committee – no second		
Approve All	Abstain None	Opposed None	

A short break was taken from 10:20 – 10:30 AM

Vice President, Conferences – Marios Polycarpou

Marios Polycarpou presented an overview on the status of the conferences.

Motion	To approve holding the IEEE World Congress on Computational Intelligence (WCCI) every other year, starting in 2006.		
	Motion from committee no second		
Approve All	Abstain None	Opposed None	

David Fogel presented the proposal for the 2007 IEEE Symposium Series on Computational Intelligence.

Rationale

- IEEE NNS sponsors three main conferences
- Growing need to support community with focused conference/symposia
- Some efforts already made
- Need to offer opportunity for synergy.

Proposal

- Hold a multi-conference series of focused conference/symposia within the rubric of computational intelligence
- 2007 IEEE Symposium Series on Computational Intelligence
- April 1-5, 2007 Honolulu, HI, USA
Hilton Hawaiian Village Hotel

Organization

- David Fogel, General Chair
- Evangelia Micheli-Tzanakou, Honorary Chair
- Mohamed El-Sharkawi, Finance Chair

Specifics (9 Conferences)

- CompIntel in Games¹ (Lucas, Kendall)
- CompIntel CompBio & Bioinform² (G. Fogel, Corne)
- Swarm Intelligence³ (Shi, Eberhart)

- CompIntel in Data Mining
- CompIntel in Control
- Reinforcement Learning and Adaptive Critics
- CompIntel in Scheduling
- Artificial Life
- Foundations of Computational Intelligence

Individual Organizers

- Simon Lucas (UK)
- Gary Fogel (USA)
- Yuhui Shi (USA)
- Enrique Ruspini/Wlod Duch (USA/Poland)
- Okyay Kaynak/Marios Polycarpou (Turkey/USA)
- Derong Liu (USA)
- Graham Kendall/Edmund Burke (UK)
- Hussein Abbass/Janet Wiles (Australia)
- Xin Yao/Jerry Mendel/TBD (UK, USA, ~Japan)

Budget

- Very favorable
- One registration for all meetings
- CD proceedings
- Meeting space: Sea Pearl Suites and South Pacific Ballrooms
- No room penalty clause
- \$20K F&B gives free meeting space
- Estimated attendance 470 (9 x 50 + 20)
- Surplus \$54K on \$246K revenue (20%)

Motion	To approve David Fogel as the General Chair of the IEEE 2007 Spring Symposium Series on Computational Intelligence (SSCI 2007), to be held in April 1-5, 2007.
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Motion from committee no second

Approved 10

Opposed 1

Abstain 1

The Fourth IEEE symposium on Bioinformatics and Bioengineering was discussed.

Fourth IEEE Symposium on Bioinformatics and Bioengineering

May 19-21, 2004, Taichung, Taiwan, ROC

<http://bibe2004.ece.uci.edu/>

Sponsored by the IEEE Computer Society

Co-sponsored by IEEE Neural Network Society

The BIBE Symposium provides a common platform for the cross fertilization of ideas, and to

help shape knowledge and scientific achievements by bridging these two very important and complementary disciplines into an interactive and attractive forum. Keeping this objective in mind, BIBE solicits original contributions in the following non-exclusive list of areas:

Biomedical Informatics and Computation

Bio-molecular and Phylogenetic Databases, Query Languages, Interoperability, Bio-Ontology and Data Mining, System Biology, Identification and Classification of Genes, Sequence Search and Alignment, Protein Structure Prediction and Molecular Simulation, Molecular Evolution and Phylogeny, Functional Genomics, Proteomics, Drug Discovery Gene Expression Analysis, Biolanguages, Bioinformatics Engineering, Data Visualization, Signaling and Computation Biomedical Data Engineering, Medical Image Processing (Segmentation, Registration, Fusion), Telemedicine, Modeling and Simulation, Biomedical Imaging

Bio-Engineering

1. Biological Systems and Models, Engineering Models in Biomedicine, Biomedical Sensors, Computer Assisted Intervention Systems and Robotics, Bionic Human, Cell Engineering, Molecular and Cellular Systems, Body's and Cell's Bio-signatures, Tissue Engineering,

Biomaterials

Important Dates

January 15, 2004 Submission deadline **February 28, 2004** Notification of acceptance

March 20, 2004 Camera-ready copy of accepted papers and author registration due

General Co-Chairs

Satoru Miyano, *University of Tokyo*, Jeffrey J. P. Tsai, *University of Illinois, Chicago, C. Y.*

Kao, *Natl. Taiwan Univ.*

Program Chair

Phillip C.Y. Sheu, *University of California, Irvine*

Motion	To approve the 30% co-sponsorship for the Fourth IEEE Symposium on Bioinformatics and Bioengineering, to be held in Taichung, Taiwan between May 19-21, 2004.		
		Motion from committee no second	
Approved All	Opposed None	Abstain None	

At 11:00AM, Peter Wu joined the AdCom meeting via conference call.

Motion	To seek a MoU with the IEEE Computer Society for the IEEE Symposium on Bioinformatics and Bioengineering Conferences for 2005 and beyond at equal sponsorship.		
		Motion from committee no second	
Approved All	Opposed None	Abstain	

Vice President, Membership – Vincenzo Piuri

Vincenzo Piuri presented the status of the NNS Chapters.

Status of NNS Chapters

- Created: 16
Argentina, BeNeLux, Boston (USA), Chile, Eastern North Carolina (USA), Finland, Hong Kong, Hungary, Jordan, Kitchener-Waterloo (Canada), Italy, Ottawa (Canada), Spain, Singapore, Turkey, UK & Republic of Ireland
- Submitted to IEEE: 11
Queensland (Australia), Beijing (China), France, Germany, Greece, Japan, Madras (India), Russia, San Diego (USA), Santa Clara (USA), South Korea
- In progress: 30

Web Site for Chapter Activities

- Chapters, with officers, contacts and web links
- Petitioners and members
- Chapters' activities
It's online at <http://www.ieee-nns.org/chapters>

Chapter Promotion at Conferences

Chapters Meeting

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

IEEE NNS Membership Promotion

- 5575 members (November 2003)
- Email reminder to renew to IEEE NNS members
- Email invitation to join the society to former members of the IEEE NN Council/Society
- Email invitation to join the society to people working in computational intelligence
- Promotion to conferences with flyers and publicity booths.

Peter Wu thanked Vincenzo Piuri and Gary Yen for their support.

Motion	Approve the standard requirement for Membership Promotion at Sponsored, Cosponsored, Technically Sponsored and Technically Cosponsored Events
	Motion from committee no second
Approved All	Opposed None
	Abstain None

President – Evangelia Micheli-Tzanakou

Micheli-Tzanakou presented the following information items:

- MoU on Computational Biology and Bioinformatics was signed
 - Fellows Announcement
 - Piero Bonissone and Deliang Wong
 - Honoraria of \$2,000 was approved for our pioneer awards
 - Technical Field Award (TFA) was approved by BoD
- Next Steps:
- Awards Board for approval
 - BoD for final approval

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 adapted it for NNS. This guide was sent to the organizing committee of IJCNN '04 in Budapest.

Recommendations

- Increase Industry relations
- Create Tutorials on DVDs
- Summer School independent of Conferences
- Short courses
- Theme driven workshops
- Emerging Technologies satellite workshops
- Special Interest symposia
- Increase the number of our conferences to double or triple in the next couple of years
- Work on exhibits
- Use the SPIE model for poster sessions with awards and reception in a relaxed atmosphere. Use a couple of nights rather than a couple of hours for the posters.
- Conference quality assessment-oversight committee, other than the organizing committee.
- More application tracks. If successful, in due time create a TC (with TFs).
- Work on our WEB site
- Link to other societies both internal and external to IEEE

NNS Name Change to Computational Intelligence Society

Reasons

- New fields have been introduced since 1992
 - Fuzzy
 - Evolutionary Computation
 - NNS Scope
- Article II – Field of Interest

Section 1. (Insert paragraph)

The Field

- The current society name is not inclusive
- Our membership complains about it
- World Congress in Computational Intelligence (1994,1998,2002...2006)
- First book published with selected papers from the 1994 WCCI was on ... Computational Intelligence
- The society's description in the membership renewal clearly states that all fields of interest are in Computational Intelligence
- Newly approved book series in Computational Intelligence
- The societies periodical package is Computational Intelligence

Name Change Process

- AdCom approval
- Approve motion to pursue change of name
- Membership
 - Notification and endorsements
- TAB
 - Goes into TAB agenda
 - Discussion and voting at TAB Caucus
 - If approved, it goes to TAB's consent agenda
 - If failed, it goes to TAB ad-hoc committee (?)
- C&BL
- AdCom
 - Approve change of name by 3 February 2004
- TAB Chair
 - Approves amendment
- BoD
 - Approval

A discussion regarding the name change was conducted.

Motion	Change the society name from the Neural Networks Society to the Computational Intelligence Society.		
	Submitted by Committee – no second		
Approved	All (Unanimous!)	Opposed — None	Abstain None

Micheli-Tzanakou thanked everyone for their support during the year and wished Zurada well.

A lunch break was taken from 12:00 – 12:30 PM.

After the break George Lendaris joined the meeting via the conference call.

Past-President Report – Piero Bonissone

Piero Bonissone presented the following:

- Nomination Committee Results
 - Election of AdCom Member Candidates
- Constitution and Bylaws
 - No Changes

Schedule

- Ballots sent to Members on:
 - Friday November 7, 2003
 - (I received mine on Monday, November 10, 2003)
- Votes due back to IEEE HQ by:
 - Friday December 19, 2003
- Announcement of Results by:
 - December 24, 2003

Bonissone reminded everyone that the cover letter that was sent with the ballot, indicated everyone respond by 19 December 2003.

President-Elect – Jacek Zurada

Jacek Zurada presented the following 2003-2004 transition plan:

- NNS Officers End-Year Actions
- Incoming President Tasks
- Incoming President Special Initiative
- Email Voting Rules
- Special VC Project

NNS Officers End-Year Actions

- Action Items of NNS Officers as stipulated by the Bylaws reviewed at EXCOM, Nov 22
- Reports from Chairs of Technical and Standing Committees for 2003 need to be provided (deadline is Dec 31)
- Reports shall be submitted to the 2004 President by (deadline is Jan 15, 2004)
- Recommendations for Standing & Technical Committee membership
- Assessment of various committees work, especially
 - Some TCs less active, charters absent
 - Awards and Fellows Committee need a boost

Incoming President Tasks

Working with the EXCOM Zurada will

- Assess various committees' work in 2003
- Develop strategies for stronger Standing & Technical Committees in 2004
- Create the Technology Transfer (or Commercialization) Technical Committee
- Boost the Distinguished Lecturer Program
- Fix conflicts/contradictions in the Bylaws
- Problem with Bylaws Par 5:
“Immediately following the beginning of each year, the Immediate Past President or the President-Elect in alternating years shall appoint a Nominations Committee which shall consist of a Chairman and three more members of the Society. At least two of the four shall not be members of the ADCOM. The current Society Officers may not serve on the Nominations Committee, or be ex officio members”
Similar Problem is with Constitution, Par 8:
“The President shall appoint the Chairman and Members of each of the Standing Committee provided by the Bylaws as soon as expedient after assuming office”

Incoming President Special Initiative approved by EXCOM on Nov 22, 2003

- Allocation of \$3.6k/year (total of \$10.8k) from Summer School Grant in 2004-6 to fund the project:
- “Computational Intelligence and Multimedia: Effective Information Delivery”
- Deliverable: 1 report/year published in the last issue of the year in the Connections Newsletter

Email Voting Rules (subject to final approval) by the BOD, Nov 18, 2003

- Unless a more restrictive voting requirement is specified in the governing documents of the board or committee, an affirmative vote of a majority of all the voting members of the board or committee shall be required to approve the action. The results of the vote shall be confirmed promptly in writing or by electronic transmission. The writings and/or electronic transmissions shall be filed with the minutes of the proceedings of the board or committee.”
- “Electronic transmission” means any form of electronic communication, such as e-mail, not directly involving the physical transmission of paper, that creates a record that may be retained, retrieved and reviewed by a recipient thereof, and that may be directly reproduced in paper form by such a recipient through an automated process”

Assessment work finished by January 31, 2004

- New appointments and activity plans for the 1st EXCOM meeting of 2004
- Open the NNS VC (Virtual Community)
\\.\tempVCNNS\IEEE Virtual Communities - IEEE Neural Networks Society Forum.mht
\\.\tempVCNNS\IEEE Virtual Communities - IEEE Neural Networks Society Forum1.mht

Motion	Thanks to Evangelia Micheli-Tzanakou for her leadership as President, ideas, time, and working with us.
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Seconded

Approved Unanimously by All

Old Business

Micheli-Tzanakou reported that the reports from outgoing officers (with best practices) would be due by 31 December 2003.

Micheli-Tzanakou requested everyone update his or her personal data (address, telephone & email).

2 awards were given to AdCom members in 2003

Service Award to Enrique Ruspini

IEEE Tomiyasou Young Scientist Award was presented to David Fogel.

New Business

- Next ExCom Meeting – 24 July 2004, Budapest, Hungary
- Next AdCom Meeting - 25 July 2004 Budapest, Hungary.

The meeting adjourned at 1:05 PM.