IEEE
NNS Administrative Committee (ADCOM)
Hilton Hawaiian Village Hotel, Honolulu, Hawaii
Sunday, 12 May 2002

Voting Members in Attendance:
NNS ExCom

President...Piero P. Bonissone
President Elect ....Evangelia Micheli-Tzanakou
Past President...Enrique H. Ruspini
VP Conferences ....Marios M. Polycarpou
VP Publications..Tzyh-Jong Tarn
VP Finance..Bogdan M. Wilamowski
VP Technical Activities ....Mohamed El-Sharkawi

Society Representatives

Circuits & Systems ....Allen R. Stubberud
                                                                                    Majid Ahmadi
Computer.. Benjamin Wah
Control Systems.. Jerry Mendel
EMBS...Charles Robinson
                                                                                    Donna Hudson
Industrial Electronics .... Olyay Kaynak
                                                                            Aleksander Malinowski
Industrial Applications..Dierk Schroeder
                                                                                    Alfonsi Consi
Instrumentation and Measurement............................ Vincenzo Piuri
Power Engineering.. Robert Marks
                                                                                    Dagmar Niebur
Robotics and Automation .... Toshio Fukuda
                                                                                      Max Meng
Signal Processing...Shigeru Katagiri
                                                                                    Jose Principe
Systems, Man, and Cybernetics........................George G. Lendaris
                                                                                    Lawrence Hall

Non-Voting Members in Attendance:

Editor-in-Chief, Transactions on Evolutionary Comp...David Fogel
Editor-in-Chief, Transactions on Fuzzy Systems ....Jim Keller
Editor-in-Chief, Transactions on Neural Networks..... Jacek Zurada
NNS Electronic Newsletter Editor TC Chair NN..............Gary Yen
NNS Home Page .... Tomasz Cholewo
SC Chair, Awards Committee.............................. Mary Lou Padgett
SC Chair, Educational Activities Committee ...Slawo Wesolkowski
TC Chair, Evolutionary Computation Committee...............Xin Yao
TC Chair, Financial Engineering.. Lei Xu
TC Chair, Fuzzy Systems ....Valerie Cross
Secretary .... Ann Johnston

The meeting was called to order by Piero Bonissone at 9:15AM. Bonissone welcomed everyone, shared general announcements, and moved on to the agenda.

Motion	Move to accept consent agent
Vote	In Favor - All

Motion	Move to adopt the agenda
Vote	In Favor - All

Review and Adoption of Minutes

Motion	Move to accept minutes
Vote	In Favor - All

President, Report – Piero Bonissone

Bonissone presented a chronology of the transition plan for the NNC to becoming a society in 2002 (summary was included in the Adcom Book).

Bonissone reported that the NNS Excom had unanimously approved renaming the student summer grants after Walter Karlpus. Everyone in the room agreed with this change. Bonissone will notify Mrs. Karlpus of the change.

Bonissone presented the Transition Plan for Adcom
- Representation for Societies
- Future Plan
- Newsletter
- Membership Development

Past-President – Enrique Ruspini

Ruspini presented an overview of the TAB Publications Review held in June 2001.

The Publication Review Committees (PRC) commended the NNS in the following categories:
- Publication quality / significance
- Editorial Practices

PRC Recommendations:
- Increase subscriber based
- Eliminate brief papers OR put a page limitation on the page count.

Constitution & Bylaws

Ruspini presented the proposed amendments to NNS Bylaws as listed in the Adcom book. Charles Robinson pointed out a few typos that should be corrected. The corrections were noted and will be changed.

Motion	Move to accept and adopt the proposed amendments to the bylaws as presented in the Adcom book.
Vote	In Favor - All

Ruspini presented the proposed transition plan for section 15.1 of the bylaws.

Committee Motion	Move to adopt the transition plan as outlined in the Adcom book
Vote	In Favor - All

Ruspini pointed out that the amendment listed in the book for bylaws section 7.0 is being withdrawn.

Motion	Move to table indefinitely the 2 amendments listed in the book for section 7.0
Vote	In Favor - All

President Elect – Evangelia Micheli-Tzanakou

Micheli-Tzanakou highlighted the President-Elect presentation included in the NNS Adcom Book.

Micheli-Tzanakou presented an overview of the IEEE Awards Program.

Micheli-Tzanakou presented the following motion that was approved and passed in the Excom meeting on 11 May 2002.

Motion	The Neural Network Society fund an IEEE level technical field award and budgets $23,000 for FY 03 and commits $13,000 for the next 10 years.

Charles Robinson questioned the motion. He likes the idea of the motion but would like to review award descriptions.

Robinson moves to approve "in principle" but requested that Adcom review the final details.

Bob Marks asked about the procedures of email votes. Ruspini reported the IEEE would like to remove allowing email votes from the bylaws because there was no flexibility for voting debates.

Slawo shared a similar problem from Region 7, that unless a vote was unanimous, the vote was invalid until discussions could be conducted.

Jerry Mendel spoke against the motion from Charles Robinson. He pointed out that the society should have technical field awards and the details could be worked out.

Micheli-Tzanakou shared that the award is at the Institute level.

Ruspini reported the NNS Policy passed by IEEE on E-Mail votes.

Committees of the Neural Networks Council may vote on matters before the committee by email where, in the opinion of the Committee's Chair, matters requiring action can be adequately handled in that manner. All voting members of the committee are to be notified of any such proposed action. The email vote shall provide for three voting alternatives: approve, not approve, and defer to the next meeting. If none of the later alternatives receives a majority of eligible voting members of the committee, the one with the least vote will be dropped until one of the remaining alternatives receives a majority. If majority of voting members of the committee is not achieved, the matter will be referred to the next committee meeting. In no event, shall the period allowed for email vote be less than two weeks.

George Lendaris pointed out that this should be an eligible voting member

Motion	Vote on Amendment that the motion is voted on "in principle" only and the details are voted by email.
Vote	In favor - 8 Against - 7 Abstain –7

Motion	Vote on Amended motion where we are voting in principle and the details will be circulated by email and the final details are voted by email.
Vote	In favor – All

Break 10:30 – 10:40

Vice President, Finance – Dan Wilamowski

Wilamowski presented the financial report for the NNS (see NNS Adcom Book).

Wilamowski lead a discussion on the FinCom procedures.

Donna Hudson from EMBS reported their budget was submitted without the IEEE charge.

Ben Wah reported that after an audit, an RFP is being generated for proposals for a central audit of IEEE with the goal of reducing expenses.

Charles Robinson spoke as a representative of the EMBS and as a representative of the FinCom. He reported that IEEE lost $20 million from reserve holdings in 2001-2002. As a result, many policies have been established to track spending. He acknowledged everyone is going through "tough times." IEEE is suffering from the abuse of past over spending. He also reported that there would be no spending of reserves by the IEEE.

Wilamowski continued to present the NNS budget for 2003.

Lawrence Hall asked what is included in the $10.00 new member fee that has been included in the NNS 2003 budget.

Bonissone reported on the additional benefit from the $10.00 fee. Robinson questioned what the projected expenses for the society would be for processing memberships. Wilamowski reported the newsletter runs $7.00 per member ($9.00 in Canada). Overall, each member costs NNS $60.00.

Ben Wah asked if we have included the allocation from the TAB meeting held in the end of April. Wilamowski reported that he had received email on 10 May 2002 but at this time we can not adjust the budget as being presented. IEEE will review the budget and adjust appropriately. Wah shared that in 2003 over half the IEEE societies will be operating in the red.

Discussion Called	Robinson called the question.
	The call was seconded and there were no objections

Motion	Vote to approve the motion budget as presented by Dan.
Vote	In favor – All

Nominations and Elections

Ruspini presented an overview of the NNS Presidential Rotation of the Past-President, President, and President-Elect.

There being no further discussions on the rotation policy, the election process continued.

President-Elect (3 year term)
The candidates nominated by the Nominations Committee for the position of President-elect is as follows:

>   Jacek Zurada

Nominations were requested from the floor.

>   Robert Marks nominated Toshi Fukuda
>   Dagmar Niebur seconded the motion

Further nominations were requested from the floor for the candidate to the position of President-Elect.

Motion	Micheli-Tzanakou moved to close nominations for this President-Elect.
	Seconded by Marios Polycarpou
Vote	In favor – All

Candidates (Fukuda and Zurada) presented short (5 minute) statements supporting their candidacy.

Vice President, Finance (2 year term)

The candidate nominated by the Nominations Committee for the position of Vice President, Finance is as follows:

Bogdan M. Wilamowski

Nominations were requested from the floor – Benjamin Wah nominated Max Meng, The nomination was seconded by Tarn.

Motion	Micheli-Tzanakou moved to close nominations.		
Vote	In favor – 21	Opposed - 1	Abstain - 0

Candidates (Wilamowski and Meng) presented short (5 minute) statements supporting their candidacy.

Vice President, Publications (2 year term)

The candidate nominated by the Nomination Committee for the position of Vice President, Publications is as follows:

David Fogel

Nominations were requested from the floor. There being no nominations, Tarn moved to close nominations, seconded by Donna Hudson.

Vice President, Member Activities

The candidates nominated by the Nomination Committee for the position of Vice President, Member Activities are as follows:

Charles Robinson
Tzyh-Jong Tarn
Vincenzo Piuri

Nominations were requested from the floor. None were offered.

Motion	Larry Hall moved to close nominations, seconded by Donna Hudson
Vote	In Favor – All

Candidates (Robinson, Tarn and Piuri) presented short (5 minute) statements supporting their candidacy.

AdCom - Adjourned for lunch at 12:15 PM

AdCom was called back to order at 1:15 PM

Motion	Charles Robinson motioned to move to Executive Session for discussions on the President-elect candidates at 1:20PM
Vote	In Favor - All

Ballots were distributed and counted for President-Elect.

Jacek Zurada was elected NNS President-Elect

Motion	All election ballots to be destroyed after the election.
Vote	In Favor - All

Ballots were distributed and counted for Vice President, Finance.

Dan Wilamowski was elected NNS Vice President, Finance

Robinson moved that David Fogel be nominated by acclimation to the position of Vice President, Publications. Seconded by all, Passed unanimously.

David Fogel was elected NNS Vice President, Publications

Ballots were distributed and counted for Vice President, Member Activities

Vincenzo Piuri was elected NNS Vice President, Member Activities

Motion	Move to get out of Executive Session 1:58PM
Vote	In Favor - All Opposed - None

Bonissone shared the elections results with all and expressed congratulations to each candidate.

Vice President, Conferences – Marios Polycarpou

Polycarpou presented an update on the status of all conferences being finalized and coordinated in the NNS.

IJCNN Conferences
David Fogel presented an overview on the status of the WCCI 02.
Don Wunsch shared the poster and dates July 20-24 for IJCNN 03 to be held in Portland, Oregon. The web will be updated in the next few months.
A status on the following conference was reported:
- IJCNN 04 – Approval was given at AdCom 2001 for the 2004 IJCNN. The committee met 10 May 2002 and is presenting the following motion:

Motion	To approve revised DRAFT budget for 2004 IEEE International Joint Conference on Neural Networks and Fuzzy Systems to be held in Budapest, Hungary. The results should be presented to Excom within 60 days.
Vote -	In Favor - All

- IJCNN 2005 will be organized by INNS.
- WCCI 2006 will be organized and held on the Continental USA. Jerry Mendel suggested Las Vegas as a site location.
- IJCNN 2007 will be organized by INNS
- IJCNN 2008 potential site location, Hong Kong. Proposal ideas are encouraged.

Fuzz-IEEE

- 2003 FUZZ-IEEE - Jim Keller presented an overview of the 2003 Fuzz-IEEE to be held in St. Louis, 25-28 May 2003.
- 2005 2 pre-proposals have been received.
  Location: Bangalore, India; Main Organizer: Raghu Krishnapuram
  Location: Beijing, P.R. China; Main Organizer: Jung-Hsien Chiang
       During the conference committee meeting on 11 May 2002, everyone agreed to encourage full proposal submissions from both organizers.

CEC

The committee is presenting the following motion:

Motion	To approve revised budget for 2003 IEEE Conference on Evolutionary Computation
Vote	In Favor - All

2004

Motion	To approve 2004 IEEE Conference on Evolutionary Computation in Portland, OR with Garrison Greenwood as General Chair.
Vote	In Favor - All

CIFEr

Details are the same as listed in the Adcom book.

Motion from the Technical Committee:	To approve 2004 IEEE Conference on Financial Engineering to e held in New York City with Prof. Lei Xu as General Chair. Budget and dates to be approved later.
Vote	In Favor - All

Motion	Charles Robinson moved that Excom be directed by Adcom to take the actions necessary to close CIFEr 2000.
Vote	In Favor - All

VIMS

Details are the same as listed in the Adcom book

In-Cooperation Conferences

Details are the same as listed in the Adcom book

The NNS conference committee is working on coordinating the following issues:
> * Conference Organization:
>> - Procedures
>> - Recruitment of volunteers
>> - Memory/Learning of the system
> * "In cooperation" conferences: establish criteria for approval.

In addition, the NNS conference organization book is being updated to help conference coordinators when planning conferences.

<p align="center">Break – 3:05 – 3:23</p>

Vice President, Publications – Tzyh-John Tarn

Tarn presented the publications activity report as published in the Adcom Meeting book. Tarn reported that the 3 NNS technical transactions have received high comments.

Tarn reported the NNS BBP Income
1999	$68,075
2000	$ - 283
2001	$130,997

Editor, Reports

IEEE Transactions on Neural Networks   Jacek Zurada

In addition to Zurada's report in the Adcom book, he reported on the changes in TNN.
TNN = Editor-in-Chief + The Editorial Board
- Handling all incoming Papers and Letters, etc.

Most important changes in TNN
- Briefs discontinued
- Galley Proofs are emailed in PDF
- Web-based submissions of all PDF opened as of January 1; most credit goes to Webmaster, Dr. Tom Cholewo
- New MS handling procedures in operation
  - email distribution of papers

The impact to date is as follows:
> Submissions up 28%
> Production costs $318K
> Income up by 100K
> First-pass rejection is at 41%

IEEE Transactions on Fuzzy Systems – Jim Keller

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

Motion	Charles Robinson moves to increase the page count to 904
	For the IEEE Transactions on Fuzzy Systems
Vote	In Favor - All

IEEE Transactions on Evolutionary Computation – David Fogel

David Fogel presented the following status of the TEC
* February and April issued published on time
* June issue in production
  - Special issue on artificial immune systems
* August issue set
  - Special section on ant colony system
* 12-14 papers in the cue.

Miscellaneous issues
* Page budget set at 640 pp/year, six issues
* Based on current submission rate and special issues planned, page budget is appropriate.
* Special issues planned on particle swamr optimization, multi-criteria evolutionary optimization, evolutionary computation and data mining
* Status appears well suited for 2003
* Review situation near the end of 2002

EIC Transition - Xin Yao met with Fogel in La Jolla to go over transition plan
* Transition plan is for Fogel to complete the papers that have been submitted to Fogel.
  - New papers go to Yao
* Expectation of Fogel that he will complete papers by October

Motion	Zurada moved to thank David for his had work and dedication.
Vote	In Favor - All

NNS Newsletter – Gary Yen

Gary Yen presented the infrastructure of the Newsletter, which is to facilitate the NNS production process. An overview of the NNS Newsletter / Communications goal is as follows:
* Distribution Channels
  - NNS sponsored conferences
  - NNS publications subscribers
* Technical flavor
  - Survey articles on "quantum computing," "Bioinformatics," "swarm intelligence," and "financial engineering
* Survey Tidbits
  - Conference calendars
  - Committee minutes

NNS Home Page – Tomasz Cholewo

Tomasz Cholewo's presentation is included in the NNS AdCom book.

T.J. expressed thanks to all editors for their hard work this past year. Piero thanked T.J. for his work and dedication.

Vice president, Technical Activities – Mohamed El-Sharkawi

Mohamed presented an overview of the proposal for restructuring the Technical Activities Committee. The proposal was presented to Excom and was well received.

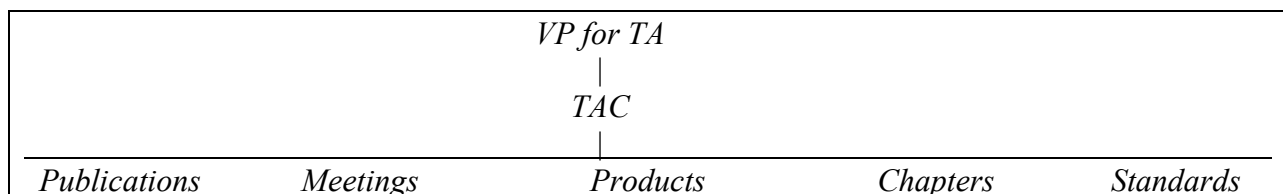### Technical Activities Committee (TAC) Mission

TAC ensures 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.

TAC General Role
TAC Assists
- Vice President for Technical Activities
- Technical Committee chairs
- Standing committees' chairs

In providing technical leadership, and in organizing technical activities.

Structure for the Technical Activities: TCs

VP for TA					
		TAC			
TC1:NN	*TC: Fuzzy*	*TC3: EC*	*TC4: CV*	*TC5: ET*	...
Gary Yen	*Valerie Cross*	*Xin Yao*	*Lei Xu*	*Jim Bezdek*	
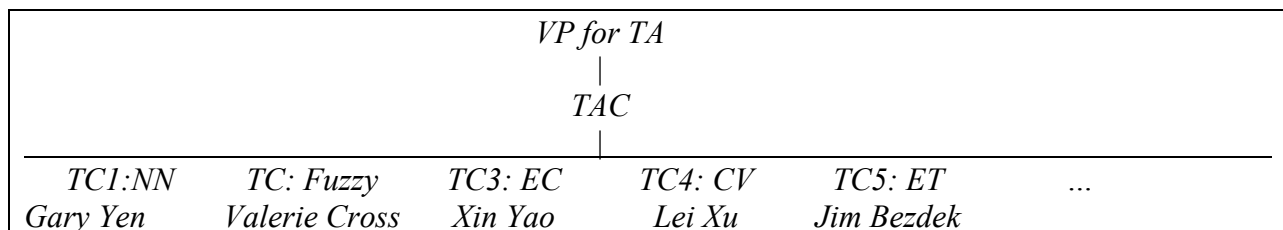
Structure for Technical Activities: Standing Committees

VP for TA				
		TAC		
Publications	*Meetings*	*Products*	*Chapters*	*Standards*

TAC Assistance to TCs
TAC Role
- TAC will encourage TCs with common technical interests and overlapping scopes to sponsor joint technical activities, such as workshops, symposia, and newsletters.

- TAC will provide an effective interface between TC's and other programs or committees within the NNS -- publications, chapters, conferences, tutorials, etc.
- TAC will promote cooperation and joint technical activities between the TCs and communities inside and outside the IEEE.
- TAC will assist TC Chairs in recognizing and nominating outstanding technical leaders for awards.

Evaluation and Operation
- TAC periodically examines the scope and vitality of each TC's.
- TAC will recommend changes to the scopes or activities of the TCs when deemed necessary.
- TAC will recommend creation, termination or merging of TCs.
- Each TC Chair will submit an Annual Report. The report will detail
  - Technical activities for the past year
  - TC's operating plan for the next year.
- TAC will review the proposed operating plan in order to assist TC Chairs defining adequate and realistic technical programs.
- Once a plan is approved by the Vice President for Technical Activities, it will be presented to the ExCom and Adcom for discussions and modifications.

TAC Assistance to Standing Committees
TAC Role
- Coordinate the activities of various committees such as chapters, Standards, etc.
- TAC will recommend the creation, modification or elimination of these committees based on needs and activities.

TAC Meetings
      TAC will meet at least once a year, normally in conjunction with a major NNS conference. Other meetings can be scheduled as needed.

TAC Membership
- The Vice President for Technical Activities will chair TAC.
- The chairs of TCs are members of TAC
- The total number of members is 8(?) plus the VP for TA.
- These members will be appointed by the Vice President for Technical Activities.

TAC Officers
- Vice Chair: The Vice Chair acts as the second in command to the Vice President for Technical Activities. The Vice Chair:
  - Participates in setting TAC goals and planning TAC activities.
  - Contributes to ongoing TAC activities.
  - Performs special functions, such as surveying of TC activities.
  - Monitor vitality of TCs and encourage activities that improve TC activities.

- TAC Secretary: The TAC Secretary will attend all meetings of TAC, takes minutes, and distributes them in a timely manner.
  - The TAC Secretary keeps the TAC address list up-to-date, and distributes updated lists with the TAC minutes or at TAC meetings.

- The TAC secretary develops and updates a web site for TAC.
- The TAC Secretary supports TAC in achieving its general objectives and performs special projects as necessary.

The committee presented a motion to approve the establishment of the standing committee

Enrique Ruspini reported his interpretation of the bylaws in section 8.8 that they can be established as needed.

Piero Bonissone ruled with Enrique Ruspini's interpretation.
George Lendaris read section 8.8 of the bylaws that the interpretation is correct.

Committee Motion	Approve the establishment of Technical Activities standing committee
Vote	In favor – All

Neural Network Technical Committee Report, Gary Yen
Yen reported on the following categories (for more details see the NNS Adcom book):
- Infrastructure Building – New members have been recruited. In 2003 the committee will invite NNTC members to publicize their "vision" statement in chosen areas.
- Award Nominations – 12 Pioneer Award nominations were received, 3 papers were nominated for Best Paper.
- Future Plans – Nominations are being solicited for 2004 Pioneer Award & TNN Best Paper. They will continue to promote nominations of IEEE Fellows within the community, continue to work with students to promote the NNS Summer research Scholarship Program.
- NNS Newsletter Related Issues – Plans are being made to stimulate more submissions.
- Better IJCNN Organization – Work closely with IJCNN '03 to improve the quality of presentations through invited sessions, panel discussions, and tutorial workshops.

Fuzzy Systems Technical Committee, Valerie Cross
Valerie Cross reported on the following
- 2001-2002 Committee Members
- Conference Activities
    - International Fuzzy Systems Conference 2001
    - International Fuzzy Systems Conference 2002
    - Attendance at the 2001 IFSA/NAFIPS Conference
    - IEEE NNS Conference Committee
- Award Nominations
- Future Activities
    - Award Procedures
    - Web Site
    - Conferences
    - Newsletter
    - Travel
For additional details, see the Adcom meeting book.

Evolutionary Computation Technical Committee, Xin Yao
Yao reported on the membership of the committee. The members represent diverse geographical regions and they are experienced with the Evolutionary Programming Society and the IEE.
Finance Technical Committee, Lei Xu

Lei Xu reported on the following:
- 2003 CIFER
- IDEAL'02

Lei Xu distributed the Call for Papers flyer for CIFEr2003.

Division X Director, Toshio Fukuda
Toshio Fukuda presented a summary on the status of Division X of IEEE.

Standing Committee Reports - Awards
MaryLou thanked the AdCom for their timely email voting for the 2003 Awards nominations.

Committee Motion:
Ruspini moved to increase the Pioneer Awards to $2,000 effective in 2004.
Vote   In Favor – All

Charles Robinson questioned the effective date of 2004.
Toshi Fukuda asked if it was included in the 2003 budget.

Motion	Amended motion effective 2003
Vote	In Favor - All

Motion	Increase the Pioneer Award budget to $6,000		
Vote	In Favor 21	Against 0	Abstain 1

Committee Motion
To rename the summer student grant program after Walter Karlpus.
Vote   In Favor – All

Donna Hudson requested we communicate the renaming of the student grant program with UCLA.

MaryLou thanked the committee members for the Awards Committee.

Education Committee Report, Slawo Wesolkowski

In 2002, the committee awarded 120 student travel grants (175 applicants)
        $150 registration plus 5 nights in a shared room
        The award winners will be recognized at the banquet.

3 summer research grant recipients were awarded (6 applicants)

<u>Distinguished Lecturers, Toshio Fukuda</u>

Toshio Fukuda distributed an overview of the IEEE Distinguished Lecture Program. Attached to the minutes (attachment A), is point of contact information and the speaker expense policy.

<u>List of Speakers 2002</u>
- Jim Bezdek
  - Topic: Neural Networks, Pattern Recognition, and Intelligence
  - Topic: Neural Networks and Fuzzy Logic
  - Topic: Fuzzy Logic, Pattern Recognition and Control
- John Caulfield
  - Topic: Fuzzy Metrology
  - Topic: Artificial Perception
  - Topic: Neural networks in syntactic pattern recognition
- Russell C. Eberhart
  - Topic: Biomedical Applications of Neural Networks
  - Topic: Engineering Solutions with Computational Intelligence
- Rolf Eckmiller
  - Topic: Neural Networks for Motor Control in Primates and Robots
  - Topic: Neural Networks for Control, Prediction and Forecasting
  - Topic: Chaotic Systems
  - Topic: Towards Stable International Cooperation in the Field of New Information Processing Technology
- David Fogel
  - Topic: Evolutionary Computation
- Toshio Fukuda
  - Topic: Intelligent Robotic System
  - Topic: Adaptation, Learning and Evolution
  - Topic: Human Adaptive Interface
- Kaoru Hirota
  - Topic: Fuzzy Intelligent System
  - Topic: Fuzzy Multimedia
  - Topic: Fuzzy Vision System
- James Keller
  - Topic: It's OK to Tell Dad That You're a Fuzzy Thinker: Introduction to Fuzzy Set Theory and Fuzzy Logic
  - Topic: Fractal Geometry in Image Processing and Computer Vision
  - Topic: Fuzzy Logic in Image Processing and Computer Vision
- Clifford Lau
  - Topic: Neural Networks on a Chip
- George Lendaris
  - Topic: To be announced
- Robert Marks
  - Topic: Query-Based Learning
  - Topic: Heisenberg's Fuzzy Principle

Harold Szu
    Topic: Unsupervised Learning & Applications in Multispectral Remote Sensing
        & Breast Imaging
    Topic: Blind Source Separation Single User N-to-1 Powerline Surveillance
    Topic: MEMS Intelligent Sensors for Urban Defense
    Topic: Fast Simulated Annealing Cauchy Machine
Zbigniew Michaelewicz
    Topic: Profit Optimization for Financial Service Institutions
Gancho Vachkov
    Topic: Intelligent Control, Identification and Adaptation
    Topic: Learning of Fuzzy Modeling
    Topic: Fuzzy Cause-Effect Relation and Diagnosis
Paul Werbos
    Topic: Intelligent Control
    Topic: Neural Networks for System Identification
    Topic: Backpropogation
    Topic: History and Prospects of Neural Networks
Lofti Zadeh
    Topic: Fuzzy Logic: Principles, Applications and Perspectives
    Topic: The Calculus of Fuzzy If-Then Rules
Jacek Zurada
    Topic: Supervised Learning
    Topic: Neural Networks
Kumpati Narendra
    Topic: Intelligent Control
Enrique Ruspini
    Topic: Qualitative Description and Analysis of Complex Objects
    Topic: Reactive Control of Distributed Teams of Autonomous Rots

NNS Distinguished Lecture Program – 2001
James Keller
    Topic: It's OK to Tell Dad That You're a Fuzzy Thinker: Introduction to Fuzzy
        Set Theory and Fuzzy Logic
    Topic: Fractal Geometry in Image Processing and Computer Vision
    Topic: Fuzzy Logic in Image Processing and Computer Vision

Gancho Vachkov
    Topic: Intelligent Control, Identification and Adaptation
    Topic: Learning of Fuzzy Modeling
    Topic: Fuzzy Cause-Effect Relation and Diagnosis

Multimedia Tutorials, Mohamed El-Sharkawi

El-Sharkawi reported on the NNS tutorial procedures. IEEE has changed policies and as a society we can utilize their services for a fee. A candidate (volunteer) has come forward, and Dogmar Niebur will be the committee chair.

Mike Smith, representing the SMC applauds all the NNS volunteers who are working hard for their society.

Charles Robinson moves to applaud the Excom President and officers.
Seconded by George Lendaris
Piero asked for a round of applause for the dedicated work by Enrique Ruspini.

Piero asked everyone to encourage nominations next year for the vacant positions.

Old Business

NONE

New Business

NONE

Motion	to Adjourn the 2002 NNS Adcom Meeting
Vote	In Favor – All

The meeting was adjourned at 5:24 PM.

Attachment A

IEEE DISTINGUISHED LECTURE PROGRAM

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-retreivable text files. Each file includes the name and contact information for each speaker and the topics that he/she will present. The name, address, phone, 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

Speaker Expenses:
NNS pays for all but local expenses. Inviting entity is responsible for hotels and meals at the site.
Maximum expense is US$1,500, by cheapest coach class flight.

NNS Distinguished Lecture Program — 2002

List of Speakers
1   Jim Bezdek
        Pensacola, FL 32514   USA
        (904) 474-2784 (O)
        (904) 995-4847 (H)
        (904) 474-3023 (Fax)
        jbezdek@argo.cs.uwf.edu
        http://www.coginst.uwf.edu
        Topic: Neural Networks, Pattern Recognition, and Intelligence
        Topic: Neural Networks and Fuzzy Logic
        Topic: Fuzzy Logic, Pattern Recognition and Control

2   John Caulfield
        Fisk and Alabama A&M Universities
        (Alabama A&M) PO Box 313, Normal, AL 35762; (Fisk) 1000 17th Ave.,
        N. Nashville, TN 37208
        Phone: 931 637 1598 (cell)
        FAX: 931 293 2524
        E-mail: jcaulfield@vallnet.com
        Topic: Fuzzy Metrology
        Topic: Artificial Perception
        Topic: Neural networks in syntactic pattern recognition

3   Russell C. Eberhart
        Indianapolis, IN   46202-5160   USA
        (317) 278-0255 (O)
        (317) 274-4567 (Fax)
        eberhart@engr.iupui.edu (e-mail)
        Topic: Biomedical Applications of Neural Networks
        Topic: Engineering Solutions with Computational Intelligence

4   Rolf Eckmiller
         4000 Dusseldorf, GERMANY
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         Topic: Neural Networks for Control, Prediction and Forecasting
         Topic: Chaotic Systems
         Topic: Towards Stable International Cooperation in the Field of New Information Processing Technology

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         Topic: Adaptation, Learning and Evolution
         Topic: Human Adaptive Interface

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         Topic: Fuzzy Vision System

8   James Keller
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         Topic: It's OK to Tell Dad That You're a Fuzzy Thinker: Introduction to Fuzzy Set Theory and Fuzzy Logic
         Topic: Fractal Geometry in Image Processing and Computer Vision
         Topic: Fuzzy Logic in Image Processing and Computer Vision

9   Clifford Lau
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11   Robert J. Marks II
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         Topic: Heisenberg's Fuzzy Principle

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         Topic: Unsupervised Learning & Applications in Multispectral Remote Sensing & Breast Imaging
         Topic: Blind Source Separation Single User N-to-1 Powerline Surveillance
         Topic: MEMS Intelligent Sensors for Urban Defense
         Topic: Fast Simulated Annealing Cauchy Machine

13   Zbigniew Michaelewicz
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         Topic: Profit Optimization for Financial Service Institutions

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        (81) 87 864 2262 (F)
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        Topic: Learning of Fuzzy Modeling
        Topic: Fuzzy Cause-Effect Relation and Diagnosis

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        Topic: Neural Networks for System Identification
        Topic: Backpropogation
        Topic: History and Prospects of Neural Networks

16   Lotfi Zadeh
        Berkeley, CA   94720   USA
        (510) 642-4959 (O)
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        Topic: Fuzzy Logic: Principles, Applications and Perspectives
        Topic: The Calculus of Fuzzy If-Then Rules

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        Topic: Qualitative Description and Analysis of Complex Objects
        Topic: Reactive Control of Distributed Teams of Autonomous Rots

NNS Distinguished Lecture Program – 2001

List of Speakers (2001)

1   James Keller
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        Topic: It's OK to Tell Dad That You're a Fuzzy Thinker: Introduction to Fuzzy Set Theory and Fuzzy Logic
        Topic: Fractal Geometry in Image Processing and Computer Vision
        Topic: Fuzzy Logic in Image Processing and Computer Vision

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