



IEEE
Computational Intelligence Society

ADCOM MEETING
25 July 2004
Intercontinental Hotel, Budapest, Hungary

CIS EXCOM:

PresidentJacek M. Zurada
Past PresidentEvangelia Micheli-Tzanakou
Vice President, Conferences.....Okyay Kaynak
Vice President, Membership.....Vincenzo Piuri
Vice President, Publications.....David Fogel
Vice President, Technical Activities.....Gary Yen
Vice President-Elect, Finance.....Piero Bonissone

Society Representatives (voting):

Instrumentation and Measurements.....Cesare Alippi
Industrial Applications.....Alfio Consoli
Systems, Man and Cybernetics.....Larry Hall
Power Engineering.....Robert J. Marks

Elected ADCOM Members (voting):

Bernadette Bouchon-Meunier
Witold Pedrycz
Jerry Mendel
Gary Fogel
Bernard Widrow (joined at 11.30am)

Division X Director:

Enrique Ruspini

Editors and Chairs in Attendance

Editor, Transactions on Fuzzy Systems.....Jim Keller
Editor, Transactions on Evolutionary Comp.....Xin Yao
Editor, Transactions on Neural Networks.....Marios Polycarpou
TC Neural Networks (Chair).....DeLiang Wang
TC Fuzzy Systems (Chair).....Jerry Mendel
TC Evolutionary Computation (Chair).....Garrison Greenwood
TC Emergent Technologies (Chair).....Lipo Wang
TC Bioinformatics and Bioengineering (Chair).....Gary Fogel
TC Intelligent Systems Applications (Chair).....Paul Werbos
TC Computational Finance (Chair).....Edward Tsang
Awards and Standards Committees (Chair).....Enrique Ruspini

Constitution & ByLaws Committee (Chair).....Piero Bonissone
Distinguished Lecturers Program (Chair).....Toshio Fukuda
Educational Activities Committee (Chair)Slawo Wesolkowski
Women in CI Committee (Chair).....Bernadette Bouchon-Meunier

Guests:

Nik Pal, Laszlo Koczy, Tamas Roska, Joos Vandevallé

Jacek Zurada called the meeting to order at 9:00 AM and welcomed everyone. Each attendee introduced himself by name and position in the ADCOM. Zurada communicated that by decisions of respective Society Presidents, Marios Polycarpou was designated as Control Systems Society Representative, and Tamas Roska as Circuits and Systems Society Representative for the meeting.

Motion to approve agenda as presented in the ADCOM Book. Seconded

In Favor - All Opposed - None Abstained -None

Motion to approve minutes of ADCOM meeting of November 23, 2003. Seconded

In Favor- All Opposed - None Abstained - None

Motion to review and adopt Consent Agenda. Seconded

In Favor - All Opposed - None Abstained – None

Guest Nikhil Pal was introduced as Editor-in-Chief of Transactions on Fuzzy Systems starting in 2005.

President's Report - Zurada

Name change of Neural Network Society to Computational Intelligence Society will be phased in completely by January 2005. He described the current state of the CIS, and present status and plans for 2004-05 and beyond (such as need to include Asian membership, organize conferences in technical co-sponsorship), CIS Finances, Membership Development, Technical Activities, Publications, and Conferences. He explained the changes of the CIS income formula from on-line ASPP and IEL beyond 2004. Also presented were new procedures in conference and post-conference income allocation beyond 2004. Other items reported were TFA Award approval, expansion of the Continuing Education, five new speakers added to the DLP, the future hiring of a Society Administrator and difficulties in drafting the 2005 budget due to the Infrastructure Tax.

Question by Greenwood if is there a move afoot to change the logo was replied by Zurada that there will be a new logo in approximately 6 to 12 months.

Division X Director Report - Ruspini

Ruspini has briefed the ADCOM from his perspective as Member of IEEE Board of Directors. Details were given about IEEE Mission and Vision, Purpose, Member Conduct, IEEE Organization, i.e. Regional, Technical and Governance. Also, Division X Systems and Control,

Strategic BOD Topics, Division Director Responsibilities, TAB issues, new technological directions and recent BOD concerns and actions were covered.

Past President Report - Micheli-Tzanakou

Micheli-Tzanakou stated she enjoys that we have become the CIS and she is a nominee for Division X Director.

Chair of Constitution and ByLaws Committee Report - Bonissone

Following is a summary of motions from the Committee:

Conflict 1: Appointments of Nominations, C&BL, and Fellows Committee (4 Motions: #1-4)
Const Art IV Sec 8
BL 5.0, 8.2 (C&BL Com. Ch.), 8.3 (Fellows Com. Ch.)

Conflict 2: Coordination of Fellows Committee (1 Motion: #5)
BL 4.3
BL 4.8

Correction to Length of Term in Case of Emergency (1 Motion: #6)
BL 4.1

Specify additional duties Vice President for Publications (1 Motion: #7)
BL 4.6

Unfeasible Schedule (2 Motions: #9-10)
BL 5.2
BL 5.5

Minor Grammatical Corrections (2 Motions: #11-12)
BL 8.1
BL 8.5

Motion from Committee (by Bonissone) to approve changes to Constitution and ByLaws approved by C&BL Committee on June 6, 2004 as presented in the ADCOM Book.

In Favor – All Opposed - None Abstained - None

VP Membership Report - Vincenzo Piuri

Piuri reported on Activities, Initiatives, CIS Geographical Distribution, Support for Chapters and Chapter Chairs, Chapter Promotion at Conferences, Awareness and Knowledge Dissemination, Chapter Approach and Actions, Support for Members, Website Modernization, Chapters and Members Visibility, Membership Development, Educational Committee, Chapter Meetings, and

Emailing List. Also presented were proposals for Outstanding Chapter Award, and Outstanding PhD Dissertation Award.

Motion from EXCOM (by Piuri) to approve establishing CIS Outstanding Chapter Award (see Appendix 1).

In Favor - All Opposed - None Abstained - None

Motion from EXCOM (by Piuri) to approve establishing CIS Outstanding PhD Dissertation Award (see Appendix 2).

In Favor - All Opposed - None Abstained - None

Motion to re-arrange agenda to allow for Elections before lunch break. Seconded

In Favor - All Opposed - None Abstained - None

Election of Candidates

Zurada explained procedures for electing the new President-Elect, VP Publications and VP Membership.

Past President Micheli-Tzanakou, Chair of the Nominations Committee, is to run the elections.

Two candidates for President – Elect: T. Fukuda and V. Piuri
No nominations from the floor.

Motion (by Micheli-Tzanakou) to close nominations for President - Elect. Seconded

In Favor - All Opposed - None Abstained - None

One candidate for VP Publications: J. Keller
No nominations from the floor.

Motion (by Micheli-Tzanakou) to close nominations for VP Publications. Seconded

In Favor - All Opposed - None Abstained - None

One candidate for VP Membership: D. Fogel
No nominations from the floor.

Motion (by Micheli-Tzanakou) to close nominations for VP Membership. Seconded

In Favor - All Opposed - None Abstained - None

Ruspini explained how names are put on the slate for ADCOM members. Names have to be brought by Chairs of Committees or Chapters, and then considered by the Nominations Committee. The final slate for new ADCOM members consisting of at least 8 names has to be presented by July 31.

Action Item The ballot should indicate if names come from the Nominations Committee or were submitted by petition.

Micheli-Tzanakou stated that these names have been approved by the Nominations Committee:

Marks
Polycarpou
Ruspini
Si
Greenwood
Tan
L. Wang

Six-minute presentations with a six-minute questions and answer session were given by the following candidates:

Toshio Fukuda
Vincenzo Piuri
Jim Keller
David Fogel

Meeting went into Executive Session.

Break for lunch at 1:05, meeting reconvened at 1:45 pm.

Elections took place with 17 voting members present.

Vincenzo Piuri was elected as President-Elect for 2005.

Motions (by Micheli-Tzanakou) to elect by acclamation Jim Keller, VP Publications, and Dave Fogel, VP Membership. Seconded
In Favor - All Opposed - None Abstained - None

Zurada introduced the organizers of the IJCNN and FUZZ-IEEE 2004 Conferences: Tamas Roska, Laszlo Koczy, Gusztav Hencsey, and Monika Jetzin. Also introduced was Joos Vandewalle, who gave a presentation on IJCNN 2004 statistics, profile and special features, experiences and recommendations. Laszlo Koczy did a presentation about Fuzz-IEEE 2004 including the number of participants and types of registrations.

VP Finance Report (given by Bonissone in Wilamowski's absence)

Bonissone presented 2003 financial report, explained sources of CIS income, and introduced 2005 budget.

Motion from Committee (by Bonissone) to approve 2005 Budget as presented (budget is appended to the minutes as an attachment).
In Favor - All Opposed - None Abstained - None

VP Conferences Report - Kaynak

Reported on status of completed conferences, in-cooperation events, conferences after 2004 and other sponsored events.

Motion from Committee (by Kaynak) to approve Payman Arabshahi and Alcherio Martinoli as General Chairs of the SIS 2005: IEEE Swarm Intelligence Symposium, Pasadena, California, June 8-10, 2005, and its budget.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Kaynak) to approve Gary Fogel as General Chair of the CIBCB 2005: 2005 IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology, La Jolla, California, November 14-15, 2005, and its budget.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Kaynak) to approve David Fogel and Vincenzo Piuri as General Chairs of the CIHSPS 2005: 2005 IEEE International Conference on Computational Intelligence for Homeland Security and Personal Safety, 31 March – 1 April 2005, Grosvenor Hotel, Orlando, FL, USA, and its budget.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Kaynak) to approve Cesare Alippi and Enrique Ruspini as General Chairs of the CIMSA 2005: 2005 IEEE International Conference on Computational Intelligence for Measurement Systems and Applications, Giardini Naxos - Taormina, Italy, 20-22 July 2005, and its budget.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Kaynak) to approve Qiang Shen, Robert John and Hani Hagras as General Chairs of the Fuzz-IEEE 2007, Imperial College, London, during late June-early August 2007. The budget and the specific dates of the conference are to be submitted to AdCom during its next meeting.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Kaynak) to approve Tan Kay Chen and Jian-Xin Xu as General Chairs of CEC 2007: IEEE Congress on Evolutionary Computation, during September/October 2007, Singapore. The budget and the specific dates of the conference are to be submitted to AdCom during its next meeting.

In Favor - All Opposed - None Abstained - None

VP Publications Report - D. Fogel

New publication planned is the Computational Intelligence Magazine. The Transactions are moving to Manuscript Central this year. IEEE CIS continues to search actively for new books to include in CI Series. Fogel also reported for absent WWW Page Manager Tom Cholewo on prior and present issues.

The EICs for IEEE TNN, IEEE TFS, and IEEE TEC gave reports on the status of their respective Transactions as follows:

EIC NNS Report - Polycarpou

Reported on the Editor-in-Chief Transition, Special Issues, Changes to Manuscript Central, and Plans for the Future.

EIC TFS Report - Keller

Reported on highlights of TFS, Impact Factor, Electronic Submission, Manuscript Central, Special Issues, Transition to new EIC, Budget Summary, Statistics for 2003, and Plans for the Future.

EIC TEC Report - Yao

Reported on basic Statistics for the last 12 months, increased Page Budget, Review Times, Impact Factor, Manuscript Central, Special Issues, and Future Plans

Motion from the floor to recognize Jim Keller for his 6 years of service as EIC on TFS. Seconded. All in favor.

Newsletter Editor Report – Yen

Reported on the NNS Newsletter: IEEE Connections. Topics were Cost Analysis, the August Issue, and Feature Articles.

Awards Committee Chair Report - Ruspini

Reported on the Awards Committee Activities, 2004 Award Ceremony, Future Award Procedures and the TFA Award.

Motion from Committee (by Ruspini) to increase monetary portion of CIS Outstanding Paper Awards to \$1,000 (per paper) beginning in 2005. Financial Implications: up to \$1,500 per year.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Ruspini) to increase monetary portion of the CIS Meritorious Service Award to \$1,500. Financial Implications: up to \$1,000.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Ruspini) to increase monetary portion of the CIS Pioneer Awards to \$2,500. Financial Implications: up to \$4,500 per year, depending on the number of awards. Typically, the required additional expense will be \$1,500 per year.

In Favor - All Opposed - None Abstained - None

Motion from Committee (by Ruspini) to approve the name of “Outstanding Paper Award” be changed to “Outstanding <Transactions-Name> Paper Award published in *n*,” where *n* is the calendar year that is 2 years prior to the year of

selection of the award. Eligible papers should have been published in year *n*. The change will become effective for awards selected in 2005 (published in 2003).

In Favor - All Opposed - None Abstained - None

Meeting went into Executive Session to consider Awards Committee Recommendations.

Motion from Committee (by Ruspini) to approve Awards Committee Recommendations for 2005 CIS Awards as below:

In Favor- All Opposed - None Abstained - None

—Pioneer and MS Awards—

- EC Pioneer Award: Kenneth De Jong
- FS Pioneer Award: Enric Trillas
- Meritorious Service Award: Piero Bonissone

—Outstanding Paper Awards—

- 2005 TNN OPA:
L. Rutkowski and K. Cpalka. Flexible Neuro-Fuzzy Systems, Vol. 14, No. 3, May 2003
- 2005 TFS OPA:
D. Dubois, E. Hüllermeier, and H. Prade. Fuzzy Set-based Methods in Instance-Based Reasoning, Vol.10, No. 3, June 2002.
- 2005 TEC OPA:
M. Clerc and J. Kennedy. The Particle Swarm Explosion: Stability and Convergence in a Multi-dimensional Complex Space, Vol. 6, No. 1, February 2002

Motion from the floor thanking Past President Micheli-Tzanakou for her work supporting the society and its name change. Seconded.

In Favor - All Opposed - None Abstained - None

VP Technical Activities Report - Yen

Outlined Planned Activities, TC Appointments and Charters for NNTC, FSTC, ECTC, AMDTC, BBTC, ETTC, ISATC, FSTC, ECTC, and NNTC. Stated that FSTC, ECTC and NNTC are well established. Newly emerged TCs are AMDTC, BBTC, and FETC. Incubating TCs are ISATC and ETTC. Gave details on Issues of Concern, New Initiatives, AMD Newsletter and E-Letter on CI.

Motion from the floor to recognize Dan Wilamowski, who is stepping down on December 31, 2004 as Treasurer. Seconded. Passed by acclamation.

Education Committee Chair Report – Wesolkowski

Reported on Travel Grant Applications being low and asked everyone to please promote these.

Motion from the floor to recognize David Fogel, who is stepping down as VP for Publications. Seconded. Passed by acclamation.

Meeting adjourned at 5:15 p.m.

Appendix 1: Proposal for the CIS Outstanding Chapter Award

by Vincenzo Piuri, CIS VP Members Activities
Version 3.1 – 24 July 2004

Title

Outstanding Chapter Award

Description.

To recognize the chapter that is judged to have provided the greatest overall contribution and service to its members, the local scientific, professional, governmental, and educational communities, and the IEEE CIS.

To stimulate the Chapters activities the award should have continuity for at least 5 years.

Administration

Computational Intelligence Society

Eligibility.

All CIS Chapters are eligible.

The achievements that will be evaluated in a comprehensive way are:

- the list of activities that have been actually realized,
- the innovative ideas to promote CIS and serve the local communities,
- the dissemination activities about the chapter and society events,
- the ability of chapter to recruit and retain members.

Each aspect composing the global evaluation of the Chapter performance should be briefly described by providing appropriate information, as follows:

- the list of realized activities should be described by specifying at least type, title, dates, location, scope, and number of participants for each event,
- the innovative idea for a realized activity should be described by specifying at least type, title, dates, location, scope, number of participants, benefits, role of the Chapter, outcomes, and novelty with respect to conventional Chapter activities.
- the dissemination activities consists of the Chapter web site,
- the recruitment/retention ability should be described by the Chapter membership development plan and the result of these actions.

The achievement time period is the prior calendar year.

The same Chapter will not receive the award more than two consecutive years.

Prize Items.

Certificates issued in the name of the winning Chapter and each of the Officers, plus 2000 US\$ prize given to the Chapter.

Funds.

IEEE CIS Award Committee.

Nominee Solicitation.

Chapter Chairs must apply to the award by sending applications to the IEEE Awards Activities Office.

Outstanding Chapter Award Sub-Committee (part of the IEEE CIS Awards Committee).

Number of members, including the Chair: 7

Eligibility: Committee members must be IEEE Members (or higher grade) & CIS Members.

Term: 1 year, renewable up to 3 times.

Chair: IEEE CIS Awards Committee Chair.

Nomination of members (except the Chair): IEEE CIS Awards Committee Chair.

Appointment of members: CIS President.

Procedures: the IEEE Awards Activities Office sends the applications to the members of the Outstanding Chapter Award Sub-Committee.

The Sub-Committee evaluates the applications by grading each of the four aspects composing the overall Chapter performance, as follows:

List of realized activities: up to 60 points.

Each committee member (except the chair) grades the list of activities performed by each Chapter, from 0 (poor) to 10 (outstanding). Grades are added up.

Innovative ideas to promote CIS and serve the local communities: up to 60 points.

Each committee member (except the chair) grades the innovative idea proposed by each Chapter, from 0 (poor) to 10 (outstanding). Grades are added up.

Dissemination activities: up to 60 points.

Each committee member (except the chair) grades the web site of each Chapter, from 0 (poor) to 10 (outstanding). Grades are added up.

Ability of recruiting and retaining members: up to 60 points.

Each committee member (except the chair) grades the development plan and the achieved results for each Chapter, from 0 (poor) to 10 (outstanding). Grades are added up.

The grades for each of the above aspects are added up to generate the total Chapter score (up to 240 points).

The winner is the Chapter with the highest comprehensive score.

Responsibilities: the Outstanding Chapter Award Sub-Committee is responsible for the selection of the winner, its Chair is responsible for the operation of the sub-committee (organization of the meetings – including on-line and conference call –, execution of the meetings, preparation of the minutes, reporting to the IEEE CIS President.

Schedule.

January 31st: applications due.

By June 1st: Outstanding Chapter Award Sub-Committee selects the winner.

July: AdCom declares the winner.

Selection/Basis for Judging

The evaluation of each component of the overall Chapter performance will be based on the following criteria:

List of realized activities.

The number of activities, their complexity, their variety, the number of served members, the categories of served members, and their variety will be considered.

Innovative ideas to promote CIS and serve the local communities.

The novelty of the Chapter activity and the impact on the Society performance will be considered.

Dissemination activities.

The characteristics (e.g., layout, attractiveness, usability, completeness, meaningfulness, updating, relevance) and the features/services (e.g., contacts, regulations, conference, help desk, networking) offered by the chapter web sites will be considered.

Ability of recruiting and retaining members.

The quality of the membership development plan adopted by chapters and its effectiveness (measured as the difference between the number of members at the end of the awarded year and the number of members at the end of the years prior this one) are considered.

Presentation.

Preferred Award presentation location and date: IJCNN or FUZZIEEE or CEC conferences.

Publicity.

IEEE CoNNections (the CIS newsletters), CIS web site.

Appendix 2: Proposal for the CIS Outstanding PhD Dissertation Award

by Vincenzo Piuri, CIS VP Members Activities
Version 2.1 – 25 July 2004

Title

Outstanding PhD Dissertation Award

Description.

To recognize the PhD dissertation that is judged to have given the most outstanding contribution to the advancement of theory and/or applications of computational intelligence.

The award should have continuity for at least 5 years.

Administration.

Computational Intelligence Society.

Eligibility.

All PhD dissertations in theory and/or applications of computational intelligence for which the PhD degree has been granted up to the fourth year (included) prior to the calendar year when the recipient of the award is selected are eligible.

The achievements that will be evaluated in a comprehensive way are:

- PhD dissertation,
- possible publications in journals and conference proceedings generated by the research reported in the PhD dissertation,
- other possible outcomes that constitute tangible items usable by the scientific and professional communities,
- possible referee letters by scientists or professionals who have not been involved in the research performed by the applicant/nominee.

Each aspect composing the global evaluation should be listed in the application/nomination and provided with the application/nomination itself, as follows:

- information about the PhD dissertation (title, university)
- list of possible publications in journal and conference proceedings generated by the research reported in the PhD dissertation, in the IEEE format,
- list of possible outcomes that constitutes tangible items usable by the scientific and professional communities, in addition to the one listed in item 2,
- list of possible referee letters by scientists or professionals who have not been involved in the research performed by the applicant/nominee,
- electronic copy of the PhD dissertation,

electronic copy of the possible publications in journals and conference proceedings generated by the research reported in the PhD dissertation,
electronic copy of the other possible outcomes that constitutes tangible items usable by the scientific and professional communities,
electronic copy of the referee letters by scientists or professionals who have not been involved in the research performed by the applicant/nominee.

Prize Items.

Certificate plus 1000 US\$ prize.

Funds.

IEEE CIS Award Committee.

Nominee Solicitation.

Candidates must apply or be nominated to the award by sending applications to the IEEE Awards Activities Office.

Applications/nominations may be resubmitted up to three times.

Outstanding PhD Dissertation Sub-Committee (part of the IEEE CIS Awards Committee).

Number of members, including the Chair: 7

Eligibility: Committee members must be IEEE Members (or higher grade) & CIS Members.

Term: 1 year, renewable up to 3 times.

Chair: IEEE CIS Awards Committee Chair.

Nomination of members (except the Chair): IEEE CIS Awards Committee Chair.

Appointment of members: CIS President.

Procedures: the IEEE Awards Activities Office sends the applications to the members of the Outstanding PhD Dissertation Award Sub-Committee.

The Sub-Committee evaluates the applications by grading each of the aspects composing the overall PhD dissertation achievements, as follows:

PhD dissertation: up to 12 points.

Each committee member (except the chair) grades the PhD dissertations, from 0 (poor) to 2 (outstanding). Grades are added up.

Publications and the other outcomes: up to 120 points.

Each committee member (except the chair) grades the significance of publications and other outcomes, from 0 (poor) to 20 (outstanding). Grades are added up.

Referee letters: up to 24 points.

Each committee member (except the chair) grades the set of referee letters, from 0 (poor) to 4 (outstanding). Grades are added up.

The grades for each of the above aspects are added up to generate the total PhD dissertation score (up to 156 points).

The recipient is the PhD dissertation with the highest comprehensive score.

An alternate recipient is also selected, as the one having the second highest comprehensive score.

Responsibilities: the Outstanding PhD Dissertation Award Sub-Committee is responsible for the selection of the recipient, its Chair is responsible for the operation of the sub-committee (organization of the meetings – including on-line and conference call –, execution of the meetings, preparation of the minutes, reporting to the IEEE CIS President.

Schedule.

January 31st: applications due.

By June 1st: Outstanding PhD Dissertation Award Sub-Committee selects the recipient.

July: AdCom approves the committee selection.

Selection/Basis for Judging

The evaluation of each aspect of the overall PhD dissertation achievements will be based on the following criteria:

PhD dissertation.

The quality of the dissertation, the originality, and the impact of the achievements from the point of view of theory and/or applications will be considered.

Publications and other outcomes.

Quantity and quality of the publications, quality of the journal and conferences in which the achievements have been published, and quantity and quality of the other outcomes will be considered.

Referee letters.

Relevance of the referee letters and opinion expressed by the referees will be considered.

Presentation.

Preferred Award presentation location and date: IJCNN or FUZZIEEE or CEC conferences.

Publicity.

IEEE CoNNections (the CIS newsletters), CIS web site.

END OF MINUTES