

IEEE Neural Networks Society
Members Activities
Vice President Report

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Warsaw, Poland

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Summary

- Objective:
2004 Members Activities Committee Plan
- Activities Report
- New Initiatives

Objective: 2004 Members Activities Committee Plan

- Plan implementation
 - NNS Geographically-distributed Structure
 - Awareness and Knowledge Dissemination
 - Chapters and Members Visibility
 - Membership Development
 - Initiatives

Overall goal:

establish and stimulate
the local roots of the society

Activities Report

- Chapters Creation
- Chapter Support
- Web Site Modernization
- New Web Services
- Members Promotion to Higher Grades
- Promotional Flyer & Recruitment at Conferences
- Educational Committee

Chapters Creation

- Created: 29

Argentina, Beijing (China), BeNeLux, Boston (USA), Chile, Denver (USA), Eastern North Carolina (USA), Finland, France, Germany, Hungary, Italy, Japan, Jordan, Kitchener-Waterloo (Canada), Northwest Russia, Ottawa (Canada), Poland, Russia, Saint Louis (USA), San Diego (USA), Santa Clara (USA), Singapore, Spain, Taipei (Taiwan), Turkey, Victorian (Australia), UK & Republic of Ireland, Yugoslavia

- Submitted to IEEE: 6

Brazil, Greece, Madras (India), Mexico, Queensland (Australia), South Korea

- In progress: 36

1 in Africa, 5 in Asia, 1 in Australia, 6 in Europe, 22 in North America, 1 in South America

Chapter Support

- Portion of the IEEE NNS Virtual Community
 - <https://www.ieeecommunities.org/ieee.nns>
“NNS Chapters” in Discussions, Files and Contributions areas
- Access to the IEEE Section-Chapter Volunteer Forum
 - https://www.ieeecommunities.org/section-chapter_vol
- Redesign of the NNS web site
- Periodical delivery of NNS members list
to the corresponding chapters chairs,
with members information and contacts

Web Site Modernization

- Analysis of the IEEE Societies Web Sites
- Analysis of NNS Web Site requisites
- Specification of the structure
- Specification and prototyping
of the graphic interface
- Creation of pages: in progress

New Web Services

- ***Database of Members Competences:***
information about researchers and professionals (curriculum vitae) who are IEEE NNS members to support search for cooperation and technology transfer as well as joint ventures
- ***Database of Student Competences:***
information and links to PhD dissertations and Ms senior projects of IEEE NNS student or regular members to publicize the competences of young researchers and professionals
- ***Database of Competencies available in Entrepreneurship, Industries, and Government bodies:***
under study

Members Promotion to Higher Grades

- Elevation to *Senior Member*
 - IEEE Society-Sponsored Senior Member Program
 - Chapters chairs has been invited to nominate outstanding researchers and professionals
 - NNS Senior Members Nomination Committee
- Elevation to *Fellow Member*
 - Chapters chairs will be invited to nominate outstanding researchers and professionals

Promotional Flyer & Recruitment at Conferences

Recruitment at conferences by using
the IEEE Conference Recruitment Program

NNS membership will be promoted
with posters and
flyers in conference attendees bags

Educational Committee

- Student grants to major NNS conferences
IJCNN, FUZZ-IEEE, CEC
- Scholarships for summer schools
- Student summer research grants

New Initiatives

- Chapters Meetings
- Chapters Websites
- Emailing List
- Membership Development
- Outstanding Chapter Activities Award and Chapter Grants
- Multimedia Tutorial Committee
- Women in Computational Intelligence Committee
- Outstanding PhD Dissertation Award

Chapters Meetings

Chapters Meeting at Conferences

- Presentation of chapter objectives, structure, and activities
 - Benefits and costs
 - Chapter creation
 - Society support to chapters' activities
 - Chapters' reports
-
- R8 Chapters Meeting at IJCNN/FUZZ-IEEE, Budapest, Hungary, July 2004

Chapters Web Sites

Promotion of creation of chapters web sites
to disseminate information about chapters activities
at local level

chapter structure,
officers,
contacts,
activities,
events,
reports,
....

Emailing List

Supports for members

- ***IEEE NNS Official Emailing list***

The moderator will send out news and announcements of conferences, events and new services to the whole membership.

Membership Development

- Membership fees
- Additional e-services included in the membership fees

Chapter Award and Grants

- Outstanding Chapter Activities Award
- Chapter Grants
 - Chapter Activities Program (CAP) Grant
 - Innovative Chapter Initiative (ICI) Grant
 - Chapter Information Dissemination (CID) Grant
 - Chapter Members Recruiting and Retention (CMRR) Grant

Outstanding Chapter Activities Award

- 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 NNS.
- To stimulate the Chapters activities the award should have continuity for at least 5 years.
- Certificate issued in the name of the winning Chapter and each of the Officers, plus 2000 US\$ prize given to the Chapter.

Chapter Grants

- **Chapter Activities Program (CAP) Grant**
- **Innovative Chapter Initiative (ICI) Grant**
- **Chapter Information Dissemination (CID) Grant**
- **Chapter Members Recruiting and Retention (CMRR) Grant**
 - Directed to recognize each of the four individual aspects that constitute the comprehensive performance of the chapters.
 - Certificates of recognition to the selected chapter and 200 US\$ grant given to the Chapter.

Multimedia Tutorial Committee

- Dissemination of advanced knowledge
- Web-based educational services
- Reach-out to non-members

Educational Activities

First latin-American Summer School on Computational Intelligence

13-15 December 2004, Santiago, Chile
NNS Chilean Chapter & Chile University

General Chair: Pablo Estevez

Program Chair: Javier Ruiz del Solar

Program Co-Chair: Pablo Zegers, Gonzalo Acuna

Lecturers: B. Widrow, K. Saito, M. Packianather, A. Soria, J. Ruiz del Solar, P. Estevez, P. Zegers, others to be confirmed.

Student travel grants: 3 grants of US\$ 500 each; 4 grants of US\$ 125 each.

Women in Computational Intelligence Committee

- Promoting and supporting presence of women in the area of computational intelligence

Outstanding PhD Dissertation Award

- To recognize the best PhD dissertation in the area of Computational Intelligence (theory and applications)
- The award should have continuity for at least 5 years.
- Certificate issued in the name of the winner plus 1000 US\$ prize.