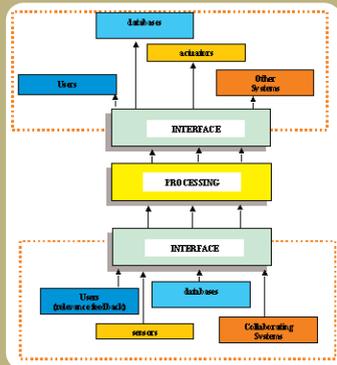




Featured in this issue



*FROM*  
**Granular Computing**  
*TO*  
**Computational Intelligence**  
*AND*  
**Human-centric Systems**

**Witold Pedrycz**

“Granular Computing has emerged as a new paradigm of CI that offers a comprehensive and well-rounded conceptual framework for intelligent system design.”

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**Renewed Call for Volunteers**

Calling upon the services of volunteers to actively participate in the Society activities has become an on-going mission and a tradition for the IEEE Computational Intelligence Society President. Society members are not only encouraged and welcomed, but are needed to participate in the broad variety of activities open for IEEE CIS volunteers.

CIS offers its members an amazing range of involvement. It publishes three highly-regarded IEEE Transactions as well as the CIS Newsletter (that will emerge as the CIS Magazine in 2006) and organizes three major conferences, specialized symposia, and workshops. CIS also supports educational opportunities through its multimedia tutorial program and summer research program. Other activities include the distinguished lecturers program available to our chapters. The Society's awards include three Transactions Outstanding Paper Awards, Pioneer Awards, the Meritorious Service Award, the Outstanding PhD Dissertation Award, and the Best Chapter Award. The Society's other program extends special opportunities for women in computational intelligence.

Many of you may not realize the extent



Jacek Zurada, CIS President, Sunday after a conference in Zakopane, Poland, 2004

to which the Society is a volunteer-driven organization. Among many learned and professional societies, the CIS, as well as other IEEE societies, is run by its volunteers in a profoundly democratic way. Well over twenty committees recommend policies and actions to the President. The President presents them for approval to the Administrative Committee (ADCOM) that can adopt, reject, or modify their recommendations during its meeting held once or twice each year, usually in conjunction with the Society's main conferences.

Five new ADCOM members are elected in society-wide mail ballot each year (see elsewhere in this issue for this year's ADCOM ballot nominations details). The ADCOM in turn elects the Executive

Committee (EXCOM) consisting of the President and six officers. The EXCOM manages Society's operation and advises the President regarding publications, conferences, membership, technical activities, and other business. EXCOM usually holds regular meetings three times a year, while its fourth meeting is held in conjunction with the main ADCOM meeting.

We also interact with the IEEE Technical Activities Board that approves the top-level IEEE policies and procedures. Much of the CIS business is closely connected with that of other IEEE Societies and Councils either through the President's direct involvement or through appointed CIS representatives. In addition, we have working partnerships with other organizations outside IEEE, such as INNS, ACM, and others. Depending on the joint venture we have, our representatives to partner organizations serve as liaisons, associate editors, or conference or technical committee members.

Where should you begin? Think about your own personal talents and interests. In which area would you most enjoy being a doer rather than a watcher? This is your chance to make a difference, and it's probably simpler than you realize.

No service is perhaps more important for a beginner than being a reviewer. An excellent way to become and stay current

**President's Message**  
 Jacek M. Zurada  
 University of Louisville

### Executive Officers

*President:* JACEK M. ZURADA, Univ. of Louisville  
*President Elect:* VINCENZO PIURI, Univ. of Milan  
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*Transactions on Fuzzy Systems:* NIKHIL R. PAL, Indian Statistical Institute  
*Transactions on Neural Networks:* MARIOS POLYCARPOU, Univ. of Cyprus  
*CIS Newsletter:* GARY G. YEN, Oklahoma State Univ.  
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*CIS E-Letter:* DERONG LIU, Univ. of Illinois at Chicago

### Technical Committees

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*Emergent Technologies:* LIPO WANG, Nanyang Technological Univ.  
*Evolutionary Computation:* GARRISON W. GREENWOOD, Portland State Univ.  
*Fuzzy Systems:* JERRY M. MENDEL, Univ. of Southern California  
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*Technology Transfer:* PAUL WERBOS, National Science Foundation  
*Neural Networks:* GEORGE G. LENDARIS, Portland State Univ.

### Standing Committees

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*Multimedia Tutorials:* JENNIE SI, Arizona State Univ.  
*Nominations and Appointments:* EVANGELIA MICHELI-TZANAKOU, Rutgers Univ.  
*Standards:* LESZEK RUTKOWSKI, Technical Univ. of Czestochowa  
*Women in Computational Intelligence:* BERNADETTE BOUCHON-MEUNIER, Pierre & Marie Curie Univ.

### conneCtionS Newsletter

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is to serve as a reviewer to one of the Society's conferences. Reviewers are also needed for our three Transactions. Each manuscript is sent to at least three reviewers. Since our editors jointly receive well above 800 manuscripts per year, the Society needs a small army of volunteer reviewers to remain successful in its publications business.

Reviewers evaluate anonymously the technical content and format of the submission and provide comments that might help the authors improve their manuscripts. If you plan to get involved as a reviewer, please contact the appropriate conference technical or program chair, or an editor whose addresses are listed at <http://ieeetcis.org/>. Include a brief description of your training and expertise, three to six keywords that best describe your specialty, and attach your complete contact information.

There are numerous opportunities for those interested in assisting with Society's conferences. Volunteers help with local arrangements, registrations, promotion, and finances. You might also choose to serve on a conference's program committee, organize a special session, or serve as a session chair. CIS Technical and Standing Committees also offer many opportunities for your individual talents. You can contact Gary Yen, Vice President for Technical Activities, at [gyen@okstate.edu](mailto:gyen@okstate.edu) to become involved, or email your statement of interest directly to the committee chair.

Activities in CIS technical areas are coordinated by one of the Society's eight

Technical Committees: Neural Networks, Fuzzy Systems, Evolutionary Computation, Emergent Technologies, Bioinformatics and Bioengineering, Intelligent Systems Applications, Autonomous Mental Development, and Computational Finance and Economy. The Committees serve as forums for the exchange of technical information, the dissemination of ideas, and the initiation of new topical trends. It is at this level of involvement where ideas and topics are incubated for conference special sessions, new workshops and seminars, and special issues of our journals. It is also where new conferences are being planned.

New activities can also be initiated within the local territorial entities of our Society called Chapters. To become involved in a Chapter, a member needs to contact the appropriate regional Chapter chair. If no Chapter has been established in your area, you may create it by collecting twelve signatures of current CIS members and contacting Dr. David Fogel, VP-Members, at [dfogel@natural-selection.com](mailto:dfogel@natural-selection.com).

As you have read, the Society offers all its members opportunities to immerse in its program, stay active and participate at the technical level or in its self-governance. All of our members are invited to take full advantage of these exciting chances for their professional growth.

We need your support, time, and talent, and I am eagerly awaiting your participation in the Society's life, your contribution to the field, and the further advancement of the society as a whole. For more information, please check our website at [www.ieeetcis.org](http://www.ieeetcis.org).

## Call for AdCom Member Nomination

Each year, five members of the Computational Intelligence Society are elected by the society at large to serve on the ADCOM for 3-year terms. The ADCOM represents the members of the Society and approves the Society's budget, amendments to the Constitution and Bylaws, elects Society officers, and authorizes the expenditure of Society funds. Members of the ADCOM are expected to attend one or two annual meetings.

Eligibility: All members of the Society in good standing are eligible to be nominated and to be elected to the ADCOM. Each nominee shall be consulted prior to the nomination to see if he/she will serve. The

nominee may request his/her name be withdrawn from consideration. Chapter Chairs are asked specifically to nominate individuals to represent the interest of Chapters. Further information can be found at the CIS web site: <http://ieeetcis.org>.

There are two ways to become a nominee:

- 1) Via nomination through the CIS Nomination Committee by July 28, 2005.
- 2) Via petition of 15 signatures of CIS members by August 10, 2005.

For additional information, contact CIS President Dr. Jacek Zurada, at [j.zurada@ieeetcis.org](mailto:j.zurada@ieeetcis.org).

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