In this last issue of *Computer* in 2004, I would like to extend my gratitude to the dedicated reviewers whose efforts make possible each issue of *Computer*. We rely on and highly value the peer review process and the reviewers who are at its very core.

Our reviewers contribute by reviewing papers as assigned in their technical area of expertise. They often comment on organization and clarity, questions of accuracy, disputed definitions, and the effectiveness of visual aids, figures, or other ancillary materials.

Reviewers for *Computer* work under the direction of Associate Editors in Chief Kathleen Swigger of the University of North Texas and Bill Schilit of Intel. Kathy and Bill have contributed extensively to *Computer*, and to the Computer Society, throughout 2004. Their expertise and commitment are critical components of our review process.

All of *Computer*’s feature articles are subject to peer review, with a minimum of three reviewers examining each article. To the more than 225 professionals who contributed their time and expertise as *Computer* reviewers in 2004, please accept my thanks and my desire that you will continue to be available to review for *Computer*.

Our columns and departments are contributed or selected by content editors. To the column and department editors, please accept my gratitude for your valuable contributions. Finally, my thanks to our area editors and Advisory Panel, who give generously of their time to help with the review process. The names of the column editors, area editors, and Advisory Panel can be found on the masthead on page 2.

To become a reviewer for *Computer*, register at http://cs-ieee.manuscriptcentral.com/. Your registration will inform us of your willingness to serve as a reviewer and will give us a profile of your areas of expertise.

—Doris Carver, Editor in Chief

**Reviewers**

<table>
<thead>
<tr>
<th>Mo Adda, Univ. of Portsmouth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dharma Agrawal, Univ. of Cincinnati</td>
</tr>
<tr>
<td>Selim Aksoy, Bilkent Univ.</td>
</tr>
<tr>
<td>Nadine Alameh, Global Science &amp; Technology</td>
</tr>
<tr>
<td>Tayfur Aliok, Rutgers Univ.</td>
</tr>
<tr>
<td>Paul Ambrose, Univ. of Wisconsin, Milwaukee</td>
</tr>
<tr>
<td>Mike Andrews, Florida Inst. of Technology</td>
</tr>
<tr>
<td>Cláudia Antunes, Portugal Inst. of High Technology</td>
</tr>
<tr>
<td>Paul Aoki, Palo Alto Research Center</td>
</tr>
<tr>
<td>Erik Arisholm, Simula Research Laboratory</td>
</tr>
<tr>
<td>Jean Arlat, National Center for Scientific Research, France</td>
</tr>
<tr>
<td>David Atienza, Madrid Univ. of Computing</td>
</tr>
<tr>
<td>Milton Austin, Oklahoma State Univ.</td>
</tr>
<tr>
<td>Amit Awasthi, Hindustan College of Science and Technology</td>
</tr>
</tbody>
</table>

| Bruno Bachelet, Blaise Pascal Univ. Mohamad Badra, National Higher School of Telecommunications |
| Madhusudhanan Balasubramanian, Louisiana State Univ., Baton Rouge |
| Dirk Balfanz, Princeton Univ. |
| Neal Bambha, Univ. of Maryland, College Park |
| Jose Barata-Oliveira, New Univ. of Lisbon |
| Maxim Batalin, Univ. of Southern California |
| Coskun Bayrak, Univ. of Arkansas, Little Rock |
| Martin Beer, Sheffield Hallam Univ. |
| Paolo Bellavista, Univ. of Bologna |
| Steve Bellovin, AT&T Labs |
| Luis Bernardo, New Univ. of Lisbon |
| Elisa Bertino, Purdue Univ. |
| Guido Bertoni, ST Microelectronics |
| Fernando Berzal, Univ. of Granada |
| Alejandro Bia, Univ. of Alicante |
| Andreas Birk, sdCm |
| Tarun Biswas, State Univ. of New York, New Paltz |
| Sergey Bityukov, Inst. for High-Energy Physics |
| Michael Blaha, OMT Associates |

**Contributions to Computer**

Amit Awasthi, SUNY at Buffalo

Milton Austin, Oklahoma State Univ.

Aijun An, Milwaukee School of Engineering

Brown University

David Atienza, Madrid Univ. of Computing

Milton Austin, Oklahoma State Univ.

Amit Awasthi, Hindustan College of Science and Technology

*Published by the IEEE Computer Society*
Andrea Capiluppi, Torino Polytechnic
Jeff Carver, Mississippi State Univ.
Alberto Cerpa, Univ. of California, Los Angeles
Hock Chan, National Univ. of Singapore
Deji Chen, Univ. of Texas, Austin
Jincai Chen, Huazhong Univ. of Science & Technology
Bill Cheswick, Lumeta
Ricardo Choren, Catholic Papal Univ. of Rio de Janeiro
Nicolas Christin, Univ. of California, Berkeley
Yul Chu, Mississippi State Univ.
Philip Ciafu, Univ. of Wollongong
Rolf Clauberg, IBM Research, Zurich
Kester Clegg, Univ. of York
Robert P. Colwell, R&E Colwell & Assoc.
Gregory Conti, Georgia Inst. of Technology
Fulvio Corno, Torino Polytechnic
David Culler, Univ. of California, Berkeley
Sergio D’Angelo, National Research Council
Bevan Das, Lucent Technologies
Guy de Tré, Ghent Univ.
Olga De Troyer, Free Univ. of Brussels
Gerardo Del Valle, Technological Inst. of Monterrey
Elio Di Claudio, Univ. of Rome
Asuman Dogac, Middle East Technical Univ.
Marcus Dormanns, Detecon International
Carolyn Duby, Pathfinder Solutions
Caroline M. Eastman, Univ. of South Carolina
Nevine Ebeid, Univ. of Waterloo
Hala El-Aarag, Stonest Univ.
Adam Elbirt, Univ. of Massachusetts, Lowell
Hazem El-Gendy, MISR International Univ.
Richard Epstein, West Chester Univ. of Pennsylvania
Ozgur Erccin, Sabanci Univ.
Juan Estevez-Tapiador, Univ. of Granada
David Evans, Univ. of Virginia
Michael Evans, Kingston Univ.
Ming Fan, Univ. of Washington
Stephen Farrell, Trinity College
Joao Fernandes, Univ. of Minho
Juan Fernandez Ramil, Imperial College London
Gianluigi Ferrari, Carnegie Mellon Univ.
Lucas Ferreira, Unicamp
Leslie Fife, Brigham Young Univ.
Sergio Flesca, Univ. of Calabria
Pierfrancesco Foglia, Univ. of Pisa
Chiara Franchalanci, Milan Polytechnic
Matthew Franklin, Univ. of California, Davis
John Freund, IEEE
Norbert Fuchs, Alcatel Austria
Jose Fuertes, Polytechnic Univ. of Madrid
Saurabh Ganeriwal, Univ. of California, Los Angeles
Kelly Garrett, Univ. of Michigan
Javier Garzas, mCentric
Bugra Gedik, Georgia Inst. of Technology
Jill Gemmill, Univ. of Alabama, Birmingham
Gustavo Gonzalez, Univ. of Girona
Thore Graepel, Microsoft Research, Cambridge
Lewis Gray, Abelia
Leonard Graziantile, State Univ. of New York, Buffalo
Benjamin Greenstein, Univ. of California, Los Angeles
Thomas Gschwind, Technical Univ. of Vienna
Sweta Gupta, Pune Inst. of Computer Technology
Diego Gutierrez, Univ. of Zaragoza
Felix Hamza-Lup, Univ. of Central Florida
Simon Han, Univ. of California, Los Angeles
Delbert Hart, Univ. of Alabama, Huntsville
Gunther Heidemann, Univ. of Bielefeld
Ahmed Helmy, Univ. of Southern California
Debra Herrmann, US Federal Aviation Admin.
Ron Hoelzeman, Univ. of Pittsburgh
Wen-Jung Hsin, Univ. of Missouri, Kansas City
Richard Hubert, i2o Software
Michael Huhns, Univ. of South Carolina
Liviu Iftode, Rutgers Univ.
Cynthia Irvine, US Naval Postgraduate School
John Janakiraman, HP Labs
Ricardo Jimenez-Peris, Polytechnic Univ. of Madrid
Haitham Kaddoura, American Univ. of Sharjah
Aman Kansal, Univ. of California, Los Angeles
Rohit Kapur, Synopsys
Samuel Kaski, Univ. of Helsinki
Frank Kelly, Univ. of Cambridge
Mohamed Khalil, Nottingham Trent Univ.
Vida Kianzad, Univ. of Maryland
Gelin Kol, Oregon State Univ.
Douglas Konkin, PMC-Sierra
David Kormann, AT&T Research Labs
Axel Korthaus, Univ. of Mannheim
Yannis Kotidis, AT&T Research Labs
Philippe Kruchten, Univ. of British Columbia
Harunobu Kubo, IBM Research
Geoff Kuenning, Harvey Mudd College
Markus G. Kuhn, Univ. of Cambridge
Michael Lang, National Univ. of Ireland, Galway
Dongwon Lee, Penn State Univ.
Ka-Cheong Leung, Texas Tech Univ.
Jie Li, Univ. of Tsukuba
Jun Li, Tsinghua Univ.
Ruxuan Li, Huazhong Univ. of Science and Technology
Lugui Lo Iacono, Univ. of Siegen
Yue Luo, Univ. of Texas at Austin
Michael Lutz, Rochester Inst. of Technology
Zongmin Ma, Univ. of Sherbrooke
Aftab Mahmood, Carl Zeiss Meditec
Scott Mainwaring, Intel
Leonardo Mariani, Univ. of Milan
Tony Martinez, Brigham Young Univ.
Dmitri Maslov, Univ. of Victoria
Oliver Maye, IHP Microelectronics
Sue McGill, Univ. of Central Florida
Grigori Melnik, Univ. of Calgary
Marco Mesiti, Univ. of Genoa
Ann Miller, Univ. of Missouri
Jelena Mirkovic, Univ. of Delaware
Pierre-Alain Muller, Univ. of Upper Alsace
Richard Nock, Univ. of the Antilles and Guyana
Zeljko Obrenovic, Univ. of Belgrade
Javier Oliver, Polytechnic Univ. of Valencia
Incheon Paik, Univ. of Aizu
Carlos Palau, Polytechnic Univ. of Valencia
Dhabaleswar K. Panda, Ohio State Univ.
Chao-Yi Pang, CSIRO
Taejoon Park, Univ. of Michigan
Fabio Paterno, Inst. of Information Science and Technologies
Marta Patino-Martinez, Technical Univ. of Madrid
Andrew Patrick, Inst. for Information Technology
The CRA Committee on the Status of Women in Computing Research (CRA-W) is seeking female undergraduates and mentors for the annual Distributed Mentor Project. The project’s mission is to increase the number of women in computer science and engineering graduate school programs. Outstanding students team with female mentors to cooperate on a summer research project hosted at the student’s home institution.

The mentoring and research program aims to immerse the students in a work environment similar to what they would encounter in a graduate school or private research setting. Students are directly involved in research, meet and interact with graduate students and professors, and work with other researchers. Since many institutions do not have women among their computer engineering faculty, the program is designed to provide students with role models regardless of their geographic locations. The students often form close ties with their mentors, which increases the likelihood that the student will move on to postgraduate studies.

Participants create dedicated Web sites as part of their summer research activities. Web sites from past summers are available at www.cra.org/Activities/craw/dmp/awards/2004/2004.php. Two Distributed Mentor Project students were among the four student recipients of Google-sponsored Anita Borg Scholarships in 2004: Kami Vaniea of Oregon State University, who worked with mentor Elizabeth Sklar at Columbia University, and Neha Jain of North Carolina State University, who will work next summer with mentor Annie Anton at North Carolina State University. The $10,000 Borg scholarships are awarded based upon a candidate’s academic background, responses to short essay questions, letters of recommendation, performance during telephone interviews, and demonstrated financial need.

The Distributed Mentor Project has operated since 1994 under a series of grants from the National Science Foundation. Student participants receive a $600 weekly stipend for up to 10 weeks of study at the host institution plus a travel allowance of up to $500. Mentors can receive $2,500 for mentoring one student or $4,000 for mentoring two or more.

To apply as an undergraduate or potential mentor, visit the CRA-W Distributed Mentor Project Web site at www.cra.org/Activities/craw/dmp/index.php. The deadline for applications to the summer 2005 program is 15 February.

The CRA works to foster leadership development among groups that are underrepresented in the computing profession. The IEEE Computer Society is one of the CRA’s six sponsoring societies.