The quality of articles appearing in IEEE Software is highly dependent upon the careful, timely reviews of our team of manuscript referees. Every manuscript submitted is subjected to the critical eye of these dedicated volunteers. Typically, reviewers present us with short-answer responses and a one- to two-page description of the article's strengths and weaknesses. On rare occasions, a reviewer takes extra time and demonstrates exceptional insight, adding immeasurably to the quality of the published article. It is for this level of dedication to IEEE Software that we are truly appreciative, as it adds much to the impact of our magazine and the strength of our profession.

The following reviewers demonstrated these exceptional standards during 1995. Thank you!

- Guillermo Arango, Manager, Software Systems, Schlumberger Austin Research
- Richard Fairley, Software Engineering Management Associates
- John Favaro, Intecs Sistemi
- Joseph Goguen, Professor of Computing Science, Oxford University Computing Lab
- Herbert Hecht, President, SoHaR, Inc.
- Dwayne Knirk, Senior member, Technical Staff, Software Quality Engineering, Sandia National Laboratory
- Brian Mar, Professor of Civil Engineering, University of Washington
- Charles Shub, Professor of Computer Science, University of Colorado at Colorado Springs
- Eugene H. Spafford, Associate Professor of Computer Science, Purdue University

Acknowledgments:

To become a referee, send a letter indicating your qualifications to:

IEEE Software
1867 Bluffs Pkwy.
Suite 200
Colorado Springs, CO 80933
software@vivaldi.uccs.edu

- Ackerman, A. Frank, Octel Comm Corp.
- Acosta, Ramon D., SES
- Adelman, Leonard, George Mason University
- Agresti, William W., The Mirc Corporation
- Ahrens, Judith, Drexel University
- Akayama, Yoshihiro, Kanagawa Inst. of Technology
- Altenbaugh, George
- Arango, Guillermo, Schlumberger Austin Research
- Augusteijn, Marijke, University of Colorado at Colorado Springs
- Azuma, Motoe, Waseda University
- Behr, Robert G., II, University of Denver
- Behr, Barbara, Argonne National Laboratory
- Barnett, Mark E., University of Idaho
- Basile, Victor A., University of Maryland
- Bass, Len, George Mason University
- Bates, Peter E., Bellcore, MRE 2F-233
- Benjamin, Beth
- Belanger, David G., AT&T Bell Laboratories
- Bell, John, Colorado School of Mines
- Bell, William, Bell Associates
- Berding, Bob, James D. University of Colorado at Colorado Springs
- Berendsen, Henk, Hollandse Signaalapparaten BV
- Berlack, Ron, Configuration Management
- Berreault, Olav Wedge, Argus University
- Biggerstaff, Ted, Microsoft
- Binder, Robert V., Robert Binder Systems Consulting, Inc.
- Binkley, Dave, Loyola College
- Bishop, Matthew A., University of California, Davis
- Black, David L., Open Software Foundation
- Blyth, Andrew, University of Newcastle
- Boasson, Maarten, Hollandse Singaalapparaten BV
- Bollinger, Terry B.
- Booch, Grady, Rational
- Brady, James T., IBM Storage Systems Division
- Brand, Lionel C., CRIM
- Brawdy, Thomas A., Washington University
- Buckley, Fletcher J., General Electric
- Bush, Marilyn, J. Compton
- Byrne, Eric, University of Texas at Arlington
- Bynes, Christopher M., The Mirc Corporation
- Calliss, Frank William, Arizona State University
- Campos, Sergio, Carnegie Mellon University
- Card, David Noel, Software Productivity Solutions
- Carter, Bradley D., Mississippi State University
- Carver, Doris L., Louisiana State University
- Charette, Robert N., Itel/Ple Corporation
- Chou, Yen-Chou, AT&T Bell Laboratories
- Conroy, Gianna M., CNR
- Clarke, Lori A., University of Massachusetts
- Coallier, Francois, Bell Canada
- Cohn, Alan, IBM T. J. Watson Research Center
- Comer, Peter, University of Sunderland

0740-7490/96/05.00 © 1996 IEEE
volunteers

Cook, Curtis R., Oregon State University
Cooke, Daniel Earl, University of Texas at El Paso
Corradi, Antonio, University of Bologna
Coutaz, Joelle, Laboratoire de Genie Informatique
Cuny, Jan, University of Oregon
Curtis, Bill, TerraQuest Metrics
Dalcher, Darren, South Bank University
Dasarathy, B., Bellcore
Davis, Alan M., University of Colorado at Colorado Springs
DeFoe, Joe, FSC Headquarters
de Jong, E. Hollandse Signaalapparaten BV
DeMarco, Tom, The Atlantic Systems Guild, Inc.
Denney, Richard L.
Dukin, David, Building of the Courses
Drayer, Enrique S., Neisystem S.A.
Duncan, Ishbel M., University of Technology, Sydney
Dunham, Margaret H., Southern Methodist University
Dunn, Robert, Systems for Quality Software
Dymond, Ken, Process Inc.
Eber, Christof, Akademie Net
Edwards, William R., Jr., University of Southwestern Louisiana
Eisenbach, Susan, Imperial College
Elrad, Tzilla, Illinois Institute of Technology
Emaldi, Mikkel, Labain
Edtinger, Henry A., Rochester Institute of Technology
Everett, William W., AT&T Bell Laboratories
Fairley, Richard E., Software Engineering Management Associates
Favaro, John, Intext Sistemi
Fidge, Colin John, The University of Queensland
Fineman, Jon J.
Fikes, William B., Virginia Tech
Fritz, Rodger Lee, Local Federal Systems
Fuchs, Norbert, Akademie Austria Research Centre
Fung, Casey K., Boeing Computer Services
Gaffney, John E., Jr., Software Productivity Consortium
Ganesan, Subra, Oakland University
Gannon, John, University of Maryland
Garlaschelli, Enrico, Carnegie Mellon University
Gehringer, Edward F., North Carolina State University
Gelfen, David, Software Quality Engineering
Gerhart, Susan L., University of Houston at Clear Lake
Gilb, Tom, Result Planning Ltd.
Girard, Jean-Francois, CRIM
Glass, Robert L., Journal of Systems and Software
Glickstein, Steven H., Dolosse & Tosche LLP
Goel, Amrit L., Syracuse University
Goguen, Joseph A., Oxford University
Grosky, William L., Wayne State University
Gutknecht, Jurg, Institut fur Computersysteme
Hackathorne, Randy L., AT&T Bell Laboratories
Hall, Anthony, Praxis
Harrington, Rachel, University of Southampton
He, Xudong, North Dakota State University
Hecht, Herbert, SoHar, Inc.
Heinemberger, Jeffrey A., Software Productivity Solutions, Inc.
Heinemann, Colm B., Columbia University
Henninger, Sven, University of Nebraska at Lincoln
Henry, Sallie M., Virginia Polytechnic Institute and State University
Hetzel, Bill, Software Quality Engineering
Hill, Gregory P., IBM Corporation
Hirai, Katsuhiko, Matsushita Systems Engineering Co.
Hofer, Franz, Akademie Austria Research Centre
Holzmann, Gerard J., AT&T Bell Laboratories
Horch, John W., The Horch Company
Horvath, Joan C., Jet Propulsion Laboratory
Howard, Christian S., Software Support Services, Inc.
Hsu, Cho-Chun, Peking University
Huber, Andrew R., Data General Corporation
Hughes, Charles, University of Central Florida
Hughes, Max, Drexel University
Humphrey, Warren S., Software Engineering Institute
Hura, Gurdeep Singh, Nanmeng Technological University
Inglis, James
Inoue, Katsuhiro, Osaka University
Isoda, Saburo, Toyohashi University of Technology
Jankowski, David John, California State University
Jenkins, John Oliver, City University
Johnson, Arnold, NIST
Jones, Capers, Software Productivity Research
Jones, John L., The Mitre Corporation
Jones, Trevor, Drexel University
Joosten, Stef M. M., University of Twente
Kajimoorui, Noboru, Embry Riddle Aeronautical University
Kasper, Robert, SQA International
Kenter, Tereza, University of Colorado at Colorado Springs
Kitchenham, Barbara Ann, National Computing Centre
Kliem, Ralph, Practical Creative Solutions, Inc.
Knafl, George J., DePaul University
Kuu, Dwayne L., Sandia National Laboratories
Koehler, Charles H., Rice University
Kohn, Philip, Harris Corporation
Kontio, Jyrki T., University of Maryland
Korel, Bogdan, Illinois Institute of Technology
Kraemer, Bernd J., Fern University Hagen
Krueck, Ron L., Requisite, Inc.
Kurzweil, J. H., Objectifteknik
Kunstmann-Combolles, Annic F., Objectifteknik
Kurishara, Thomas M., Logicon, Inc.
Lawrence, Michael, University of New South Wales
Lawson, H., Lawson, Forlag & Konsult AB
Layzell, Paul J., UMIST
Lehman, Manny, Imperial College of Science, Technology & Medicine
Leite, Julio C., PUC-RIO
Leung, Kwong S., Chinese University of Hong Kong
Li, Frank X., System Software Associates, Inc.
Liang, Edy S.
Littlewood, Bob, City University
Liu, Chengwen, DePaul University
Liu, Chun-Shyan, Chung Yuen Christian University
Lively, William, Texas A & M University
Lopez, L. A., University of Illinois at Urbana-Champaign
Ludin, Irwin, Practical Creative Solutions, Inc.
Luniewski, Allen, IBM Almaden Research Center
Lu, UC Naval Postgraduate School
Lytle, Richard, Drexel University
Lyu, Michael R., Bell Communications Research
Maguire, Gerald Q., Jr., KTH
Marchand, Brian, University of Washington
Marcus, Leo, The Aerospace Corporation
Martin, Roger J., National Institute of Standards & Technology
Matsubara, Tohoku, Matsubara Consulting
Mauro, Paul A., The Mitre Corporation

JANUARY 1996
Mazzucco, Louis
McFarland, Gregory
McMillin, Bruce M., University of Missouri-Rolla
Mead, Nancy R., Software Engineering Institute
Meekel, Jacques, Motorola
Mendaal, Geoffrey O., Tri-PacifiCorp.
Merriman, Michael F., Garmer Group
Miller, Ann, Motorola
Miller, Edward F., Jr., Software Research, Inc.
Mills, Evarard E., Seattle University
Miyoshi, Takeshi, SRA Corporation
Monroe, Robert, Carnegie Mellon University
Mulder, Frank W., Holland Signaalapparaten BV
Murphy, Melissa J., Sandia National Laboratories
Mus, John D., AT&T Bell Laboratories
Nakajima, Tsuyoshi, Mitsubishi Electric Corporation
Navalka, Jai K., Florida International University
Neil, Martin, South Bank University
Nicholas, Charles K., University of Maryland, Baltimore County
Norcio, Anthony F., University of Maryland, Baltimore County
Notkin, David, University of Washington
Obbink, J., Philips Research
Oberweis, Andreas, Universitaet Frankfurt
Ochimizu, Koichiro, Japan Advanced Inst. Science and Technology
Offutt, Jeff, George Mason University
O'Neill, Don, independent consultant
Ostrolenk, Gary, Lloyd's Register
Overmyer, Scott Paul, University of Maine
Oxman, Steven W., OXKO Corporation
Ozcan, Mehmet Bulent, Sheffield Hallam University
Ozkaran, Esen, (Bilgisayar), Muhendislik Fak
O'Neill, Don, independent consultant
Oxman, Steven W., OXKO Corporation
Ozcan, Mehmet Bulent, Sheffield Hallam University
Ozkaran, Esen, (Bilgisayar), Muhendislik Fak
Pajerski, Rose S., NASA Goddard Space Flight Center
Palmer, James, George Mason University
Parrish, Allen S., University of Alabama
Pathak, Dhiraj K., Digital Equipment Corporation
Paulk, Mark C., Carnegie Mellon University
Pezzé, Mauro, Politecnico di Milano
Pfleeger, Shari Lawrence, Systems/Sofware, Inc.
Poo, Danny, National University of Singapore
Poole, Robert J., University of Edinburgh
Poore, Jesse H., University of Tennessee
Pressman, Roger S., R.S. Pressman & Associates, Inc.
Preto-Diaz, Rubin, Reuse, Inc.
Puijigeran, Ramon, Universitat de les Illes Balears
Portillo, James M., University of Maryland
Rajlich, Vaclav T., Wayne State University
Ramachandran, Muthupandi, Philips Research Labs
Reed, Karl, La Trobe University
Rendtor, Hal S., University of Colorado at Colorado Springs
Reynolds, Robert G., Wayne State University
Ricardo, Catherine, Iona College
Rine, David C., George Mason University
Roost, Christopher R., Sheffield Hallam University
Robertson, James S., The Atlantic Systems Guild
Roberson, Ken, KRL Consulting, Inc.
Robertson, Suzanne, The Atlantic Systems Guild
Rombach, Hans Dieter, Universitaet Kaiserslautern
Rosenberg, Linda H., NASA Goddard Space Flight Center
Rosenblum, David S., AT&T Bell Laboratories
Rossak, W., New Jersey Institute of Technology
Rubin, Howard A., Hunter College, City University of New York
Rudnick, Andy, Software Productivity Solutions
Rubgaber, Spencer, Georgia Institute of Technology
Rugg, David Lewis
Ryan, Michele, City University
Saeki, Motoishi, Tokyo Institute of Technology
Sajkowski, Michal, Technical University of Poznan
Salamon, Wayne, National Institute of Standards and Technology
Sanden, Bo L., George Mason University
Sariyaka, Belchet, The University of Aizu
Sawyer, Peter Harvey, Lancaster University
Schettino, Liz
Schneidewind, Norman F., US Naval Postgraduate School
Schulmeyer, G. Gordon, Systems Plus, Inc.
Sebeast, Bob, University of Colorado at Colorado Springs
Segal, Mark E., Bellcore
Seidman, Stephen B., Auburn University
Setliff, Dorothy Ellen, University of Pittsburgh
Sheldon, Frederick T., University of Texas at Arlington
Shing, Man-Tak, US Naval Postgraduate School
Shiratori, Norio, Tohoku University
Shneiderman, Ben, University of Maryland
Shub, Charles, University of Colorado at Colorado Springs
Siddiqi, Jawed, Sheffield Hallam University
Siebert, Dave, NCR Corporation
Sihali, Lyu, J. Logix, Inc.
Simpson, H.R., British Aerospace Defense Ltd.
Song, Il-Yeol, Drexel University
Sparrow, Eugene H., Purdue University
Srimani, Pradip K., Colorado State University
Stark, George E., The Mitre Corporation
Staveley, Allan M., New Mexico Tech
Steenkiste, Peter A., Carnegie Mellon University
Stytz, David
Swain, Barbara, University of Maryland
Szulewski, Paul A., Draper Laboratory, Inc.
Ta, Anh D., The Mitre Corporation
Tanik, Murat M., University of Texas at Austin
Tori, Koji, Osaka University
Tracy, William J., IBM Corporation
Trost, Joel, IBM Software Solutions Toronto Lab
TValet, Jon D., NASA Goddard Space Flight Center
Varadan, Guy Yam S., Software Technology Park
Verma, June M., University of New South Wales
Vetru, Ronald, North Dakota State University
Virk, Gurvinder Singh, University of Bradford
Vollman, Thomas E., St. Mary's College of Maryland
von Mayrhauser, Annemese, Colorado State University
Wallace, Dolores R., National Institute of Standards & Technology
Watanabe, Sadakazu, Lab R & D Center
Weinstock, Charles B., Carnegie Mellon University
Werling, Richard, Software Productivity Consortium
Wilde, Norman, University of West Florida
Wirtz, Guido, Westfälische Wilhelm-Universität
Wong, Ken, Washington University
Woodfield, Scott, Brighton Young University
Young, Alan T., IBM Corporation
Yin, Weiping, Motorola, 0E29
Yousef, Michel, Mitsubishi Electric Corp.
Zbiknik, Randall E., Enterprise Systems, Inc.
Zelkowitz, Marvin V., University of Maryland
Zihl, Hans P., University of Vienna