About the Authors

Chapter 1

Jonathan Palmer is an Assistant Professor at the University of Maryland, College Park. His research interests include the strategic use of IT, electronic commerce, and virtual organizations. His work has appeared or been accepted for publication in Information Systems Research, Communications of the ACM, Journal of World Business, Journal of Computer-Mediated Communication, European Management Journal, The Information Society, International Journal of Electronic Commerce, International Journal of Human-Computer Studies, JASIS. Palmer serves on the editorial board of International Journal of Electronic Markets and Electronic Journal of Organizational Virtualness. He served on the faculty at the University of Oklahoma and taught at the University of Southern California. Palmer was director of corporate relations at The Peter F. Drucker School the Claremont Graduate University in California. His previous academic experience includes administrative positions at The Fletcher School of Law and Diplomacy and The Harvard Business School. Ph.D. Claremont Graduate University.

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Chapter 2

Jairo Gutierrez is a Senior Lecturer in Information Systems at The University of Auckland. Previously he worked as an R&D Manager, Systems Integration Consultant, and Information Systems Manager. He also conducted seminars on LAN/WAN technologies. He teaches data communications and computer networking. His current research topics are in network management systems, programmable networks, and high-speed computer networking. He received a Systems and Computer Engineering degree from The University of The Andes (Colombia, 1983), a Masters degree in Computer Science from Texas A&M University (1985), and a Ph.D. (1997) in Information Systems from the University of Auckland (New Zealand).
Chapter 3

Dieter Fink is Associate Professor in the School of Management Information Systems at Edith Cowan University in Perth, Western Australia. Prior to joining academe he worked as a Systems Engineer for IBM and as Manager Consultant for Arthur Young & Co (now Ernst & Young). His teaching and research interests are in IS management where he specialises in IT security, investment justification and benefits management. Dr Fink is the author of “Information Technology Security - Managing Challenges and Creating Opportunities”, published by CCH Australia. Other publications have appeared in journals such as Long Range Planning, Australian Journal of Information Systems and Internal Journal of Information Management. A current research project is the delivery of knowledge services by professional service firms using Internet technologies.

Chapter 4

Lech Janczewski, (MEng - Warsaw, MASc - Toronto, DEng - Warsaw) has over thirty years experience in information technology. He was the managing director of the largest IBM installation in Poland and project manager of the first computing center in the Niger State of Nigeria. He is currently with the Department of Management Science and Information Systems of the University of Auckland, New Zealand. His area of research includes management of IS resources with the special emphasis on data security and information systems investments in under-developed countries. Dr Janczewski wrote over 60 publications presented in scientific journals, conference proceedings and chapters in books. He is the chairperson of the New Zealand Information Security Forum.

Chapter 5

Fredj Dridi is a Ph.D. student at the Dept. of Information Systems and Software Techniques at the University of Essen, Germany. He received his diploma degree in Computer Science 1995 from the University of Kaiserslautern. Between 1992 and 1996 he was working at DFKI on intelligent engineering systems. Currently, his working areas are Information Systems, Security Management, Internet/Intranet Technologies and Software Engineering.

Gustaf Neumann was appointed Chair for Information Systems / New Media at the Vienna University of Economics and Business Administration in November 1999. A native of Vienna, Austria, he graduated from the Vienna University of Economics and Business Administration (WU), Austria, in 1983 and holds a Ph.D. from the same university. He joined the faculty of WU in 1983 as Assistant Professor at the MIS department and served as head of the research group for Logic Programming and Intelligent Information Systems. Before joining the Vienna University, Gustaf Neumann was Prof. of Information Systems and Software Techniques at the University of Essen, Germany. Earlier he was working as a visiting scientist at IBM’s T.J. Watson Research Center in Yorktown Heights, NY, from 1985-1986 and 1993-1995. In 1987, he was awarded the Heinz-Zemanek award of the Austrian Association of Computer Science (OCG) for best dissertation.
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Chapter 6

**Henry B. Wolfe** has been an active computer professional for more than 40 years. He has earned a number of university degrees culminating with a Doctor of Philosophy from the University of Otago. The first ten years of his career was spent designing systems in a manufacturing environment. The next ten years of ever increasing responsibility was devoted to serving in the U.S. Federal Government rising to the position of Director of MIS for the Overseas Private Investment Corporation. After a short (and successful) foray into the oil and natural gas business Dr. Wolfe took up an academic post at the University of Otago and for the past fifteen or so years has specialized in computer security. During that period he has earned an international reputation in the field of computer virus defenses. Dr Wolfe occasionally writes about a wide range of security and privacy issues for *Computers & Security*, *Network Security* and the *Computer Fraud & Security Bulletin* (where he is also an Editorial Adviser).

Chapter 7

**Dieter Gollmann** was a scientific assistant at the University of Karlsruhe, Germany, where he was awarded the ‘venia legendi’ for computer science in 1991. At Royal Holloway, University of London) he worked as a Lecturer, Senior Lecturer, Reader, and finally as a Professor in Computer Science. He was a Visiting Professor at the Technical University of Graz in 1991 and an Adjunct Professor at the Information Security Research Centre, QUT, Brisbane, in 1995. He has been acting as a consultant for HP Laboratories (Bristol) and joined Microsoft Research in Cambridge in 1998. He has published a textbook on Computer Security and over 50 research papers on topics in cryptography and information security. He has served on the program committees of the major European conferences on computer security (ESORICS) and cryptography (EUROCRYPT), as well as other international conferences in these areas.

Chapter 8

**Chris Mitchell** received his B.Sc. (1975) and Ph.D. (1979) degrees in Mathematics from Westfield College, London University. Prior to his appointment in 1990 as Professor of Computer Science at Royal Holloway, University of London, he was a Project Manager in the Networks and Communications Laboratory of Hewlett-Packard Laboratories in Bristol, which he joined in June 1985. Between 1979 and 1985 he was at Racal-Comsec Ltd. (Salisbury, UK), latterly as Chief Mathematician. He has made contributions to a number of international collaborative projects, including two EU ACTS projects on security for third generation mobile telecommunications systems, and is currently convenor of Technical Panel
2 of BSI IST/33, dealing with Security Mechanisms and providing input to ISO/IEC JTC1/SC27 on which he currently serves as a UK Expert and as editor of two international security standards. He is academic editor of Computer and Communications Security Abstracts, and a member of the Editorial Advisory Board for the journals of the London Mathematical Society. He has published over 100 papers, mostly on security-related topics, and he continues to act as a consultant on a variety of topics in information security.

Chapter 9

Charles Prysby is a professor and head of the department of political science at the University of North Carolina at Greensboro. He received his Ph.D. from Michigan State University in 1973. His primary areas of research are in voting behavior, political parties, southern electoral politics, and contextual effects on political behavior. His articles have appeared in a number of journals and edited books, and he is the coauthor of Political Behavior and the Local Context (Praeger, 1991). He also is the coauthor of the computer-based instructional packages on voting behavior in presidential elections published by the American Political Science Association as part of the SETUPS series. For a number of years he has taught a graduate course on computer applications in public administration.

Nicole Prysby is an attorney with interests in the area of employment law. She received her J.D. with honors from the University of North Carolina School of Law in 1995. She is a contributing author for several publications in the employment and human resource law area, including the State by State Guide to Human Resource Law, and the Multistate Payroll Guide, and is a co-author of the Multistate Guide to Benefits Law (all Aspen/Panel). She currently is working in the field of environmental consulting, for Perrin Quarles, Associates, in Charlottesville, Virginia. From 1995-1997, she was an attorney in the Public Law Department at the National Legal Research Group, Charlottesville, Virginia.

Chapter 10

Gehan Gunasekara (BA,LLB Wellington, LLM (Hons) Auckland) is a lecturer in Information Technology Law at the University of Auckland. He teaches law subjects at the University’s School of Business and Economics including undergraduate and post-graduate papers on privacy and data protection law. He has published articles in legal journals in both New Zealand and the United Kingdom and has contributed to several text books. His most recent and on-going research is a study of New Zealand’s privacy legislation. Gehan is also interested in several other areas of commercial law. He is a Barrister and Solicitor of the High Court of New Zealand.