Proceedings of the 1997 ASIS Mid Year Meeting
June 1 - 4, 1997
Scottsdale, Arizona

Gregory B. Newby, Editor

Published by the American Society for Information Science

Technical Program Committee
Mark Needleman, Co-chair
Gregory Newby, Co-chair
Karla Petersen, SIG Programs Chair
Ellen Sleeter

American Society for Information Science
8720 Georgia Avenue, Suite 501, Silver Spring, MD 20910
(301) 495-0900, FAX: (301) 495-0810
asis@asis.org
http://www.asis.org
CONTENTS

ASIS Officers and Chairs ........................................................................................................ iii
Referees for 1997 Midyear Contributed Papers and SIG Sessions ....................................... iv
Preface ......................................................................................................................................... v
Conference Call for Participation .......................................................................................... vi

PART 1: CONTRIBUTED PAPERS

Issues in Information Privacy

Information Policy Audit: Method and Use
Edwin M. Cortez ................................................................................................................... 2

Problems and Issues in Information Privacy
Stacy B. Veeder ...................................................................................................................... 15

Providing Internet Access to Los Alamos National Laboratory Technical Reports: A Case
History in Providing Public Access to Previously Restricted Documents
Kenneth Alan Collins ............................................................................................................... 21

Information Security

A Plain Person’s Guide to the Security of Information
Martin Fricke ........................................................................................................................ 33

Physical Security and Tamper-Indicating Devices
Roger G. Johnston and Anthony R.E. Garcia ........................................................................ 43

The Human Face of Electronic Information Security
Margaret Higgins and Lisa Laskaris ...................................................................................... 47

Thomas and GPO Access: An Evaluation Study
John Cocklin ........................................................................................................................ 52

SIG Papers

Evanescent Personal Privacy: How we are Giving Personal Privacy Away on Purpose
Barbara Flood and William E. Lutz ....................................................................................... 63

The Right to Spy: Government, Technology and Privacy
Shelly Warwick ....................................................................................................................... 71
Part 2: Special Interest Group (SIG) Sessions

SIG/IFP
Moderator: Bill Moen

Public Access, Private Doubt: Public Libraries' Internet Access policies
Abby Goodrum

Public Access to Government Information: Report from the GILS Project
June Koelker

Universal Service and Open Access to the National Information Infrastructure
John Bertot

SIG/IFP
Borders in Cyberspace: International Differences in Information Policies Relating to Privacy, Integrity and Data Security
Moderator: Bonnie Carroll

US Perspective
Peter Weiss

Pan-European and Global Perspectives
Kjell Samuelson

A User Advocate’s Perspective (Panel Reactor)
Prue Adler

SIG/ED
Electronic Course Reserves: Copyright, Fair Use and Rights Management Issues
Moderator: Ray R. Larson

Electronic Reserves and Intellectual Property
Stuart A. Sutton

Webcasting Streamed Audio Music Reserves: Is Anyone Listening?
Ralph Moon

The INDZONE Project: A Model for Delivery of Curricula-based Electronic Reserve Reading Materials
Kim Kilman, Kenneth Madden and Samantha K. Hastings

SIG/CRS
Privacy, Integrity and Security for the Holocaust Project Database
Moderator: Vivian Hay

Speaker
Sam Gustman
SIG/TIS and SIG/TIS
Caveat Web Surfer! Internet Resources and Social Responsibility
Moderator: Linda Schamber ................................................................. 85

  Mining Internet Resources: Cornucopia or Nightmare?
  Thomas J. Froehlich

  Users' Rights - Users' Wrongs
  Shelly Warwick

  Private Space and Public Lives
  Karen Coyle

SIG/CRS
Policy Issues and Implications for Electronic Retrieval in Academic 'Public' Areas,
or Why are you Looking Over my Shoulder?
Moderator: Abbey Goodrum .......................................................... 87

  Arbitrator, Enforcer, Victim?
  Douglas Kaylor

  Academic Tradition and the Electronic Concerns of Freedom of Speech
  June Lester

  Policy as Reaction
  M.J. Norton

SIG/MED and SIG/STI
Scientific Data Integrity: Problems and Solutions
Session One: Biological Data
Moderator: Ann Weller ................................................................. 89

  Patient Record: Perceived Security as a Barrier to Acceptance of Computer-Based
  Systems in Medicine
  Doug Stetson

  Privacy and Data Integrity in a Hospital Setting – Planning, Process and Policies
  Jacqueline Doyle

SIG/MED and SIG/STI
Scientific Data Integrity: Problems and Solutions
Session Two: Electronic Data Management
Moderator: Kathleen Wile ............................................................. 90

  Electronic Lab Notebooks
  James Currie

  Genetic Sequence Data Integrity
  Barbara Rapp

  Electronic Journals
  Jacqueline Trolley
SIG/MGT
Competitive Intelligence on the Internet: The Latest Techniques
Moderator: Jennifer Krueger

Speakers
Bonnie Hohhof
Carol Tenopir
Andre Gib

SIG/PUB and SIG/VIS
The Role of Digital Electronic Security Tools in Assuring Data and Image Integrity
Moderator: Abby Goodrum

Speakers
Laura Challman
Terry Beamsley

SIG/TIS and SIG/MED
Personal Privacy: An Oxymoron?
Moderator: Thomas J. Froehlich

Evanescent Personal Privacy: How we are Giving Personal Privacy Away on Purpose (see also page 57)
Barbara Flood and William Lutz

The Right to Spy: Government Technology and Privacy (see also page 71)
Shelly Warwick

Health Care Dilemma: Preserving Privacy While Providing Access
Douglas M. Stetson

SIG/MGT
Knowledge Management Databases: Managing Access and Security
Moderator: Mike Binder

Speakers
Elizabeth A. Koska
Nancy A. Lemon
Michael R. Leach

SIG/ALP
Quality of Knowledge from KDD Processes: Using AI Tools and Techniques in the Data Mining Step
Moderator: Douglas Metzler

Speakers
Claude Vogel
Rob Mattison
Ramakrishnan Srikant

Digital Library Methods and Results: Retrieving the User by Surveillance in Digital Libraries
Moderator: Robert J. Sandusky
SIG/CRS and SIG/AH
A New Definition of Privacy
Moderator: Vivian Hay

Donor privacy issues in the Public Domain: Personal Privacy and Distributed Access
Rob Spindler

The Electronic Environment and the Buckley Amendment
Sharon Berish

Who is Calling Please?
Foxie Mason

SIG/AH and SIG/VIS
Protection and Rights Management Schemes for Digital Images
Moderator: Joseph Busch

Options for Protection of Digital Images: Watermarks, Signature, & Encryption
Howard Besser

Issues for Rights Management Systems
Richard Hulser

Howard Besser

Part 3: Plenary Sessions

Online Privacy and Free Speech: The Munitions Laws & You – What’s Happening with Personal Information and Communications in the Digital Age
Speaker
Janlori Goldman

Moderator
Debora Shaw

Emerging Legal and Public Policy Issues in Developing the National Health Infrastructure
Moderator: Michael Buckland

Speaker
Herb Lin

SIG/LAN
The Present and Future of Privacy, Security and Data Integrity
Moderator: Ellen Sleeter

Speakers
Bob Frankston
Michael Lesk
Part 4: Invited and Special Sessions

Update on the World Intellectual Property Organization (WIPO) Meeting
Moderator: Bonnie Lawlor

Speakers
Carol Morrissey
Janlori Goldman
Dan Duncan

Internet Security – The Good, the Bad and the Ugly
Moderator: Mark Needleman

Speaker
Jeffrey I. Schiller

Online Property Rights: Far Beyond Copyright
Moderator: Toni Carbo

Speaker
Lance Rose

Public Key Infrastructure and Certificates
Moderator: Jay Trolley

AUTHOR INDEX

SUBJECT INDEX