

**9th ASIS SIG/CR Classification Research Workshop**  
**Pittsburgh, Pennsylvania**  
**October 25, 1998**

**Schedule**

Opening Statements	8:45 am
Browsing Images Using Broad Classification Categories C. Olivia Frost and Anna Noakes	9:00 am
Graphic Language Documents: Structures and Functions Caroline Beebe and Elin Jacob	9:40 am
BREAK	10:20 am
Generalized Software Requirements to Access Thesauri and Classification Schemes for User-based Image Collections Barbara Barnes, Eric H. Johnson, Jennifer B. Young and Pauline A. Cochrane	10:40 am
A Graphical Interface for Faceted Thesaurus Design Uta Priss and Elin K. Jacob	11:20 am
LUNCH	12:00 noon
Translating Texts into Care: Classification Issues Raised by Evidence-based Practice in the UK Health Sector Elizabeth Davenport	1:30 pm
Subject Determination during the Cataloging Process: An Intensive Study of Five Catalogers Alenka Sauperl and Jerry D. Saye	2:10 pm
BREAK	2:50 pm
Using Machine-readable Text as a Source of Novel Vocabulary to Update the Dewey Decimal Classification Carol Jean Godby and Ray Reighart	3:10 pm
Cluster-based and Association-based Visualization Systems as Information Exploration Tools Min Song	3:50 pm
Closing Statements	4:30 pm

Proceedings of the 9th ASIS SIG/CR  
Classification Research Workshop

October 25, 1998

Held at the 61st ASIS Annual Meeting  
October 25-29, 1998  
Pittsburgh, Pennsylvania

Elin K. Jacob  
Editor and Workshop Chair

Printed and Distributed by the  
Special Interest Group / Classification Research  
American Society for Information Science

The opinions expressed by the contributors to this publication  
do not necessarily reflect the position or official policy  
of the American Society for Information Science.

Copyright 1998 by the American Society for Information Science  
8720 Georgia Avenue, Suite 501, Silver Spring, MD 20910-3602  
Phone (301) 495-0900  
Fax (301) 495-0810  
Email: [asis@cni.org](mailto:asis@cni.org)  
Homepage: <http://www.asis.org>

## Preface

This volume is a working copy of the papers presented at the 9th ASIS SIG/CR Workshop on Classification Research held in Pittsburgh, Pennsylvania, at the ASIS Annual Meeting on Sunday, October 25, 1998. The contributions printed here are working papers and, as such, are not necessarily in their final form. For this reason, workshop participants and other readers are asked not to quote from the papers in this volume. After completion of the workshop, authors will have the opportunity to edit and/or revise their paper; and participants are cordially invited to provide the authors or the editor with constructive comments intended to improve the particular paper(s) or contribute to the research effort of individual authors. These proceedings will subsequently be published by Information Today, Inc., as an ASIS monograph entitled *Advances in Classification Research: Volume 9*.

## Acknowledgments

The success of the ASIS SIG/CR Classification Research Workshop depends upon the work of many people. Special thanks are due to all of the individuals who have been involved in organizing and supporting this year's workshop, with a very special thanks to the authors who have provided the content and structure for the workshop and whose willing cooperation in following reviewers' suggestions is to be commended;. The workshop would have been impossible without the continuing efforts of the members of the Program Committee:

Hanne Albrechtsen, Royal School of Librarianship  
Clare Beghtol, University of Toronto  
Raya Fidel, University of Washington  
Efthimis N. Efthimiadis, University of Washington  
Corinne Jorgensen, University of Buffalo  
Barbara Kwasnik, Syracuse University  
Uta Priss, Indiana University  
Ray Schwartz, Rutgers University-Newark  
Phil Smith, Ohio State University  
Paul Solomon, University of North Carolina-Chapel Hill  
Louise Spiteri, Wayne State University  
Padmini Srinivasan, University of Iowa

They gave generously gave of their time not only to review the original abstracts but also to edit preliminary drafts of papers: Finally, I would also like to acknowledge the general support of the School of Library and Information Science, Indiana University.

Elin K. Jacob  
School of Library and Information Science  
Bloomington, IN  
Phone: (812) 855-4671  
Email: [ejacob@indiana.edu](mailto:ejacob@indiana.edu)

## Table of Contents

Generalized Software Requirements to Access Thesauri and Classification Schemes for User-based Image Collections Barbara Barnes, Eric H. Johnson, Jennifer B. Young and Pauline A. Cochrane	1
Graphic Language Documents: Structures and Functions Caroline Beebe and Elin Jacob	29
Translating Texts into Care: Classification Issues Raised by Evidence-based Practice in the UK Health Sector Elizabeth Davenport	53
Browsing Images Using Broad Classification Categories C. Olivia Frost and Anna Noakes	71
Using Machine-readable Text as a Source of Novel Vocabulary to Update the Dewey Decimal Classification Carol Jean Godby and Ray Reighart	91
A Graphical Interface for Faceted Thesaurus Design Uta Priss and Elin K. Jacob	107
Subject Determination during the Cataloging Process: An Intensive Study of Five Catalogers Alenka Sauperl and Jerry D. Saye	119
Cluster-based and Association-based Visualization Systems as Information Exploration Tools Min Song	139
About the Contributors	155