

Investigating Visual Literacy

October 17-20, 1990

22nd Annual Conference
International Visual Literacy Association



PROGRAM INFORMATION

Jumer's Chateau Bloomington, Illinois



Marina McIsaac

MESSAGE FROM THE PRESIDENT

We welcome you to the annual conference of the International Visual Literacy Association. Our members are teachers, graphic artists, fine artists, photographers and others interested in teaching and using the visual arts. More than that, we are a family of friends. We encourage you to join us in all activities, particularly the Board meetings which are open to all. We look forward to meeting and sharing ideas with you at this exciting conference.

Marina.

Marina McIsaac President, IVLA



Investigating Visual Literacy

WELCOME TO IVLA 1990!

We believe that you will find IVLA '90 to be an exhilarating, informative, and friendly experience. There is much here to be discovered in just three days. Your investigation will require the sharpest listening, observing, and interacting skills as you gather the evidence and decide on its implications. Though there will be no definitive resolution, we hope that in the end you will have made progress and met collaborators in the search for a better understanding of the mystery of visual literacy.

IVLA '90 Executive Committee



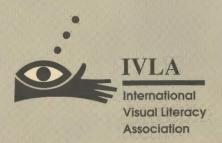
Forrest G. Wisely



James L. Bradford



Dorothy H. Kennett



The International Visual Literacy Association was established to provide a multi-disciplinary forum for the exploration, presentation, and discussion of all aspects of visual communication and their applications through visual images, visual literacy, and literacies in general. The association serves as the organizational bond for professionals from many diverse disciplines who are creating and sustaining the study of the nature of visual experiences and literacies and their cognitive and affective bases, and who are developing new means for the evaluation of learning through visual methods. A yearly conference, open to all members as well as others who are interested in the study of the literacies, is one of the many services of the organization.

IVLA Board

Term Expires 1990
Darrel Beauchamp
Dot Farthing
Richard Sinatra
Robert Griffin
Estelle M. Hepburn
Lyn Lacy
Nikos Metallinos
Michael Moore
Landra Rezabek

Term Expires 1991
Ann Marie Barry
Joel Benedict
Deborah Curtiss
Tom Head
LaVerne Miller
Margaret Smith
Ron Sutton
Forrest Wisely

Term Expires 1992 Judy Baca Richard Bell John Belland Jim Bradford Dennis Dake Nancy Knupfer

Executive Committee

President	Marina McIsaac
President-elect	Mike Moore
Vice Presidents	Darrell Beauchamp
	Nikos Metallinos
	Rune Petterson
Immediate Past President	Roberts Braden
Executive Treasurer	Alice D. Walker
Recording Secretary	Landra Rezabek

Committee Chairpersons

Conference 1991	- Fatemeh Olia
Conference Proceedings	Roberts Braden
Newsletter	-Darrell Beauchamp
	Marina McIsaac
Nominations/Elections	Roberts Braden
AECT Affiliations	-LaVerne Miller
Awards	Margaret Smith
Membership Records	Alice D. Walker
Membership Recruitment	-Richard Ball
Publications	-Jim Bradford
Parliamentarian/By-laws	- Jim Sucy
IVLA 2000 Commission	Jim Sucy, Richard Ball,
	Dennis Dake
Center for Visual Literacy	Alice D. Walker (1 yr.)
	Jim Sucy (2 yr.)
	Lida Cochran (3 yr.)
AECT Council	Darrell Beauchamp
	Alice D. Walker
	Landra Rezabek-alternate

Investigating Visual Literacy Conference Planning Committee

Executive Committee

Forrest Wisely James Bradford Dorothy Kennett

Program ------Forrest Wisely
Rhonda Robinson
Heather Hanlon

Susan Amster

Publicity ------ James Bradford Laura DiMascio

Joanne Long Brian Brave

Registration ---- Don McComb

James Bradford Helen Fairchild Kathy Oberhardt Connie Wisely

Hospitality/Local Arrangements

Dorothy Kennett Sheryl Douglas Barb Walbert Peg Berry Bob Kennett Debra Bradford Ross Fairchild Deb Risberg



IVLA '90, the 22nd Annual Conference of the International Visual Literacy Association, is grateful to a number of sponsors, whose support has made possible many of the meeting's outstanding program elements and special events.

Illinois State University

Support and interest of many of the faculty and administration of ISU gave the necessary momentum for planning and implementing the conference. Several ISU colleges and departments also made specific and significant contributions:

- College of Arts and Sciences

 Co-sponsorship of Betty Edwards and general support
- College of Business
 Co-sponsorship of a plenary speaker, and the opening reception; sponsorship of the "Business Connection"
- College of Education
 Co-sponsorship of Betty Edwards
- College of Fine Arts

 Sponsorship of "An Evening with the Fine Arts"
- Media Services/Milner Library General support
- Department of Communication General support

Apple Computer, Inc.
Sponsorship of Bob Jones

International Business Machines Corporation--IBM

Co-sponsorhip of a plenary speaker, and the opening reception

Midwest Living Magazine Sponsorship of Dan Kaercher



Investigating Visual Literacy SPECIAL EVENTS AT IVLA '90

Wednesday, October 17th 7:00-9:00 p.m.

The opening reception will be in the lobby and library of Jumer's Chateau on Wednesday evening. This is your chance to begin sleuthing with fellow IVLA members, Illinois State University dignitaries, hosts and conference staff.

As a special feature Meg Partridge, granddaughter of renowned photographer Imogen Cunningham, will introduce and discuss her Academy Award nominated documentary, "Portrait of Imogen." In addition, we will be treated to a dessert buffet and performance of electronic music in the University Art Gallery.



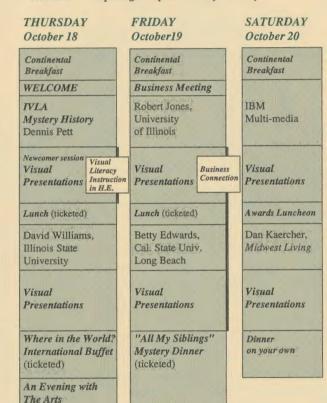
CONFERENCE SCHEDULE

WEDNESDAY, OCTOBER 17

2:00-7:30 • Registration Open Galleria

3:00-5:30 • IVLA Board Meeting Clemenceau / Talleyrand

6:30-8:30 • Opening Reception Lobby / Library



SUNDAY, OCTOBER 20

ISU Center for the Visual Arts

8:00-11:00 am · New Board Meeting Clemenceau / Talleyrand



CONFERENCE SESSIONS

The theme of this year's conference, Investigating Visual Literacy, will be carried out in many of the presentations, both formal and informal. The conference will incorporate four types of sessions:

Plenary sessions will be presented by six featured speakers, all of national prominence. These sessions will highlight important and interesting issues in visual literacy.

Visual presentations of 20 or 50 minutes will be held concurrently in smaller groups and will include opportunity for audience discussion.

Panel discussions organized by IVLA '90 participants will provide an opportunity to hear topics in visual literacy addressed from a number of points of view.

DAILY CONFERENCE SCHEDULE

WEDNESDAY, OCTOBER 17, 1990

2:00-7:30

• Registration Galleria

3:00-5:30

• IVLA Board Meeting
Clemenceau/Tallyrand Room

6:30-8:30

• The Opening Reception co-sponsored by the ISU College of Business and IBM Lobby and Library

THURSDAY, OCTOBER 18, 1990

7:00-8:00

· Breakfast Bonaparte III

7:00-3:00

Registration Desk Open
Welcome to IVLA '90

8:00-8:05

Fred Peterson, University Librarian, ISU

8:05-8:35

• A Mystery History of IVLA Dennis Pett Bonaparte I & II



Associated with IVLA since its inception, Dennis "Denny" Pett recently retired from Indiana University after 40 years teaching design and production in the Instructional Technology Department, and administering production activities at the Audio-Visual Center. Denny was editor of the <u>Visual</u> Literacy Newsletter from 1972-1989.

8:45-12:45 &

2:10-5:00

RESOURCE ROOM OPEN Richelieu
 A place to prepare and to examine presentation
 materials

A place to see new materials and exchange ideas. A must place to visit.

See program schedule for times.

More information in your registration packet.

8:45-10:50

 Crafting an Intelligent Interdisciplinary Visual Literacy Course in a Liberal Arts Context Leonard Koenig, Carol Koehler Bonaparte III

 Teaching Visual Literacy in Higher Education: Three Approaches
 Nikos Metallinos, Gilbert DeNobile,
 Rosa Volpe, Ronald Sutton Bonaparte III

THURSDAY, OCTOBER 18, 1990 continued

8:45-9:35 • Without A Clue: An Introduction to IVLA for Newcomers James G. Sucy
Auditorium

• The Effects of Imagery Rehearsal Strategy and Cognitive Style on the Learning of Different Levels of Instructional Objectives Richard Couch Bonaparte I

• The Mosaic - A Visual Approach to Instructional Design David G. Gueulette, Richard Casey Bonaparte II

 A Meta-Analysis of the Contribution of Computer-Generated Graphics to Learner Achievement Ann Cunningham, Roberts Braden Clemenceau/ Talleyrand

9:35-10:00 • Break (hot beverages)

10:00-10:50 • Image Manipulation: or the Zelig
Phenomenon Ronald E. Sutton, Ann Zelle
Auditorium

• Visual Enhancement of Instruction Authored in Hypercard Anna G. Bloom Bonaparte I

• A Conceptual Map of Visual Literacy Constructs Roberts A. Braden, Judy Clark Baca Bonaparte II

• Sawayaka, Tasty, I Feel Coke!: Using the Graphic and Pictorial Image to Explore Japan's "Empire of Signs" James Stanlaw Clemenceau / Talleyrand

11:00-11:20 • Visual Attributes and Cognitive Style:

Summary Review of a Program of Research

Mike Moore Auditorium

• Effects of MCBI-Embedded, Visual Cognitive Strategies on Learning as Measured by Iconic and Verbal Testing John C. Belland, Gary R. Mayton, William Taylor, and Frank Dwyer Bonaparte I

• The Effects of Field Articulation and Spatial Ability on Learning from Diagrams and Text Merton E. Thompson Bonaparte II

Chester: The Making of a Public Television
 Documentary Darrell Beauchamp
 Clemenceau / Talleyrand

11:30-11:50 • Designs for the Future: Mining the Past
Don McComb Auditorium

• The Effects of the Animation of Visuals on the Learning of Dynamic Processes From Microcomputer-based Instruction Gary B. Mayton Bonaparte I

 Designing Instructional Materials Using Desktop Publishing Software: White-Space Variations, Perceptural Organization, and Learning Nancy Nelson Knupfer, Marina Stock McIsaac Bonaparte II

• Visual Literacy for Engineers
Craig L. Miller Clemenceau / Talleyrand

11:50-1:00 • Lunch (ticketed) Bonaparte III

1:00-2:00 • Integrating the Arts Through Technology
David Williams Bonaparte I & II



Dr. David Williams is Professor of Music, Assistant Dean for Research and Technology, and Director of the Office of Research in Arts Technology in the College of Fine Arts at Illinois State University. He has 26 years of experience in teaching and research in music education, psychomusicology, and educational technology.

2:10-4:15 • Communication Explosion:1960's Films
Randall Nichols Bonaparte III

2:10-2:30 • Teachers, Students, and Visuals
Rune Pettersson Auditorium

THURSDAY, OCTOBER 18, 1990 continued

2:10-2:30 • Improvement of Visualization Skills
Through Computer Generated Three
Dimensional Visuals Sally Trethewey,
John Belland Bonaparte I

• A HyperCard-Delivered Simulation for Training in the Administration of WISC-R Block Design Subtest Anthony Moon Bonaparte II

• Designing The SIUC Electronic Film/ Video Catalog Using Apple's HyperCard Jerry Hostetler Clemenceau / Talleyrand

2:40-3:00 • An Examination of Font Types: Serif or Sanserif, Which is Optimal for Instructional Materials? James S. Lenze Auditorium

• Photographic Mapping Cube Paul Wohlfeil Bonaparte I

• The Doll Icon Gretchen Bisplinghoff Bonaparte II

• Visualizing Cognitive Processes in Hypermedia Systems Martin Retzer Clemenceau / Talleyrand

3:00-3:25 • **Break** (cold beverages)

3:25-4:15 • New Art Basics: A Visual Approach to Visual Creativity Dennis M. Dake Auditorium

• Visual Intelligence Revisited
Tillman J. Ragan, Patricia L. Smith
Bonaparte I

• Color Research Dennis Pett Bonaparte II

• Seeing as a Cross-Disciplinary Master Skill LeGrace Benson Clemenceau / Talleyrand

5:30-7:00 • "Where In The World?"

International Buffet (ticketed)

• Busses depart from the entrance near the registration desk for the ISU College of Fine Arts THURSDAY, OCTOBER 18, 1990 continued

7:30-10:00 • "An Evening With The Fine Arts" sponsored by the College of Fine Arts, ISU

FRIDAY, OCTOBER 19, 1990

7:00-8:00 • Breakfast Bonaparte III

7:00-3:30 • Registration Desk Open

9:20-12:45 &

2:00-5:00 • RESOURCE ROOM OPEN

• IVLA Business Meeting

8:00-8:10 8:10-9:10

• Sociological Implications of Future Hypermedia Environments Bob Jones sponsored by Apple Computer, Inc. Bonaparte I & II



Bob Jones is Professor of Sociology, History, and Religious Studies at the University of Illinois. He is a widely respected and published sociologist who in recent years has become a pioneering developer of hypermedia applicatons as the founder and Director of the Hypermedia Laboratory in the College of Liberal Arts and Sciences.

9:20-4:15
• The Business Connection-look for this symbol: EC. Presentations related to the business environment sponsored by the College of Business, ISU.

9:20-9:40 BC • The Visual Business Presentation: An International Comparison Robert E. Griffin Auditorium

• Investigating Concrete Versus Abstract Illustrated Instruction on Learning Abstract Concepts Margaret Ann Smith,

Patricia L. Smith Bonaparte I

Response to Paintings: A Developmental

Approach Barbara W. Fredette Bonaparte II

120 Col

7:00

FRIDAY, OCTOBER 19, 1990 continued

9:20-9:40

- The Visual Literacy Review:

 An Examination Darrell Beauchamp,
 Pris Hardin, Dennis Pett, Jim Bradford
 Bonaparte III
- Visual Literacy for Student Book Publishing Beth Saxton Clemenceau / Talleyrand

9:40-10:00

• Break (hot beverages)

10:00-10:50 BC

- Incongruous Imagery in Art and
 Advertising Joan S. Durden Auditorium
- Visual Literacy Across the Curriculum Rhonda Robinson, Marilyn Bazeli, Alice Rusevic, Nancy Fister, and Annaelizabeth Dana Bonaparte I
- New Art Basics: Strategy Ideas for Promoting Visual Creativity
 Dale Gentry, Laura Lengeling,
 Rose Laubach, Sandra Vas, Joel Franken,
 Chris Noel, Joani Halverson, Diane Foster,
 Jean Jordan Bonaparte II
- Creating Test Items in Visual Literacy
 Lyn Lacy Bonaparte III
- Using Children's Book Illustrations to Teach Visual Literacy
 Nancy Chu, LaVonne Sanborn Clemenceau / Talleyrand

11:00-11:50 BC

- Training Through Sight, Sound, and Touch Helen B. Miller Auditorium
- Using Technology to Enhance Global Understandings Martha B. Grant Bonaparte I
- Design Education's Role in the Quest for Visual Literacy: Learning Through Design Ann C. Saunders Bonaparte II
- Visual Sleuthing: Adolescent Detectives and Picture Book Clues
 Landra L. Rezabek, Linda M. Goldman Clemenceau / Talleyrand

FRIDAY, OCTOBER 19, 1990 continued

11:50-1:00

· Lunch (ticketed) Bonaparte III

1:00-2:00

• Using Your Visual and Perceptual
Brainpower for Creative Problem Solving
Betty Edwards co-sponsored by the
College of Arts and Sciences and the
College of Education, ISU
Bonaparte I & II



Betty Edwards, Director of the Center for the Educational Applications of Brain Hemisphere Research at California State University, Long Beach, is a respected teacher, researcher and lecturer who perhaps is most widely known for here best-selling books Drawing on the Right Side of the Brain and Drawing on the Artist Within.

2:10-2:30

BC

- Effectiveness of Superlearning in Computer-Assisted Instruction Catherine Augustine, Jose Munoz Auditorium
- "Situated Learning" and Cognition
 Shaun Harley Bonaparte I
- A Visual Experience with Hypermedia as the Learning Tool Ann S. Dana Bonaparte II
- Silhouette Illuustration as Visual Information in Children's Books Betty P. Cleaver Clemenceau / Talleyrand

2:40-3:00

BC

- An Investigation into the Teaching of Communications and Visualization in Colleges of Business William J. Gibbs, Joseph E. McKendrick Auditorium
- "Drawing" to Learn Mathematical Problem Solving: How Visual Thinking is Promoted in Japanese Education Mioko Saito Bonaparte I

FRIDAY, OCTOBER 19, 1990 continued

2:40-3:00

· Non-linear Television Programs: Why Johnny Can't Think Straight Richard M. Ruggiero, Brenda M. Lewis-Ruggiero Bonaparte II

 MTV and Sesame Street: An Anthropological View on the Sociology of the Visual Image Daniel Maher Bonaparte III

• The Hand of the Artist: The Missing Ingredient in Computer Graphics Hal Glicksman Clemenceau / Talleyrand

3:00-3:25

• Break (cold beverages)

3:25-4:15 BC

· Using the MAC to Teach Visual Textuality in a Technical Writing Course: The Effects of Visual Literacy on Verbal Literacy Carolyn Boiarsky Auditorium

- · Deconstructing Images: Understanding the Role of Images in the Social Production of Meaning Colleen McNally, Arnold S. Wolfe Bonaparte I
- · Journal Keeping Shared Notation or Drawing and Writing Across the Curriculum Lorraine Pflaumer, L. Jane Thomley Bonaparte II
- · Techniques and Activities in Visualizing Concepts in the Elementary Classroom Ann Poppie Bonaparte III
- · Visuals in Multicultural Gender-Fair Education Lyn Lacy Clemenceau / Talleyrand
- · What is Visual Thinking?: How do we 4:25-5:15 Define, Identify and Facilitate It? Deborah Curtiss Auditorium
 - · A New User's View of IBM's Audio Visual Connection James Lockard Bonaparte I

FRIDAY, OCTOBER 19, 1990 continued

4:25-5:15

• The Power and Potential of Creative Problem Solving Susan F. Amster Bonaparte II

· Captions and Visuals: New Trends and Research in Presentation Design Richard Richter Bonaparte III

· Exploring Culture: A Visual Approach to Multi-culture Education Margaret Trybus Clemenceau / Talleyrand

6:30-10:00 · Cash Bar & "All My Siblings" Mystery Dinner (ticketed)

SATURDAY, OCTOBER 20, 1990

· Breakfast Bonaparte III 7:00-8:00

7:00-11:30 • Registration Desk Open

9:15-11:45 &

 RESOURCE ROOM OPEN 2:00-4:00

8:00-9:00

· Multi-media in the Corporate Environment Speaker co-sponsored by IBM and the College of Business, ISU Bonaparte I & II





9:15-9:35

Use of media and media-computer combinations has become a high priority in many corporations for training and communication. IBM is one such company which develops "multi-media" systems for business and education as well as using them within the corporation.

- · Drawing-by-Seeing: A Replication of Hoyt Sherman's Research Using Modern Media Donna Emsel Schill Auditorium
- · Investigating Still Video Photography Philip Konomos Bonaparte I

SATURDAY, OCTOBER 20, 1990 continued

- 9:15-9:35 Scientific Visualization and MTV: How
 Can Educators Respond?
 Hilary McLellan Bonaparte II
 - Improving Visual Literacy by Detecting Bias: A Case Study of Tiananmen Square Joseph A. Braun, Jr. Bonaparte III
 - The Visual Literacy Collection as a Research Tool Marina Stock McIsaac Clemenceau / Talleyrand
- 9:35-10:00 Break (hot beverages)
- 10:00-10:50 From Cup to Capitalism

 LaVerne W. Miller Auditorium
 - Youth Culture: A Visual Catalog Sally West-Morgan Bonaparte I
 - When Historical Photographs Contradict History: The Calculated Visual Legacy of the Waffen-SS David D. Perlmutter Bonaparte II
 - Subliminal Reception Ronald E. Sutton Bonaparte III
 - A Case Study in the Use of Traditional, Culturally Significant Visual Images in the Expression of Contemporary Environmentalist Concerns Derek Bouse Clemenceau / Talleyrand
- 11:00-11:50 High Definition Television:

 New Perceptual and Aesthetic Principles

 Nikos Metallinos Auditorium
 - Educating for Visual Literacy Through the New Technical Graphics Scott E. Wiley, Terry L. Burton Bonaparte I
 - The Mystery of the Photographic Eye
 Martin Oudejans Clemenceau / Talleyrand
- 11:50-1:00 IVLA Annual Awards Luncheon Bonaparte II and III

SATURDAY, OCTOBER 20, 1990 continued

1:00-2:00 • A Visual Discovery of the Midwest

Dan Kaercher sponsored by Midwest Living

Magazine Bonaparte II & III



Dan Kaercher is editor of Midwest Living Magazine, which celebrates the interests, values, and the lifestyles of Midwestern families. Since graduating from the University of Nebraska, most of his career has been with Meredith Corporation in editorial roles with Better Homes and Gardens before becoming editor of Midwest Living in 1987.

- 2:10-3:00 Ritual, Memory and Myth: Wedding
 Photography as Social Process
 Charles Lewis Auditorium
 - Undecidability in Visual Communication: A Poststructuralist View Andrew R. J. Yeaman Bonaparte I
 - Visual Literacy Training Changes How Journalists Do Layout Kevin G. Barnhurst, E. Charles Whitney Clemenceau / Talleyrand
- 3:00-3:25 Break (root beer floats)
- 3:25-4:15 The Anatomy of "On-air" Television
 Fund Raisers Darrell G. Beauchamp,
 Glenda Thurman Auditorium
 - Schema Construction: A Visual Tool for the Organization of Knowledge Carla Cooper Shaw Bonaparte I
 - Visual Literacy: Investigation of Visual Literacy Concepts as Historically Developed in the Writings of Selected Western Philosophers from the Pre-Socratics to Comenius Susan B. Leahy Bonaparte II
 - The Emergence of a Digital Cinema... Roger B. Wyatt Bonaparte III

SATURDAY, OCTOBER 20, 1990 continued

3:25-4:15 • Effects of Flow Diagrams with Texts on
Learning Verbal Chains Robert C. Branch
Clemenceau / Talleyrand

Dinner on your own



IVLA '90 PRESENTERS

· Susan F. Amster	Friday 4:25-5:15
• Catherine Augustine	Friday 2:10-2:30
Jose Munoz	
• Kevin G. Barnhurst	Saturday 2:10-3:00
E. Charles Whitney	
• Darrell Beauchamp	
Darrell Beauchamp	Friday 10:00-10:50
Pris Hardin	
Dennis Pett Jim Bradford	
• Darrell G. Beauchamp	Saturday 3:25-4:15
John C. Belland	Thursday 11:00-11:20
Gary R. Mayton	11100 11100
William Taylor	
Frank Dwyer	
· LeGrace Benson	
• Gretchen Bisplinghoff	Thursday 2:40-3:00
· Anna G. Bloom	Saturday 3:25-4:15
· Carolyn Bolarsky	Friday 3:25-4:15
· Derek Bouse	Saturday 10:00-10:50
· Roberts A. Braden	Thursday 10:00-10:50
Judy Clark Baca	
· Robert C. Branch	
· Joseph A. Braun, Jr	
· Nancy Chu	Friday 10:00-10:50
LaVonne Sanborn	
· Betty P. Cleaver	Friday 2:10-2:30
· Carla Cooper Shaw	
• Richard Couch	Thursday 8:45 - 9:35
Ann Cunningham	Thumsday 0.45 0.25
Roberts Braden	
Deborah Curtiss	
• Dennis M. Dake	
· Ann S. Dana	
Joan S. Durden	
Donna Emsel Schill	
Barbara W. Fredette	
• Dale Gentry	Friday 10:00-10:50
Laura Lengeling	
Rose Laubach Sandra Vas	
Joel Franken	
Chris Noel	
Joani Halverson	
Diane Foste Jean Frayne	
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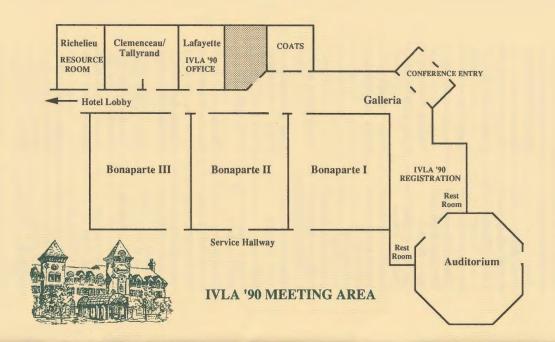
IVLA '90 PRESENTERS

IVLA 901 RESERVIERS			
· William J. Gibbs	Friday 2:40-3:00		
Joseph E. McKendrick			
Hal Glicksman			
• Martha B. Grant	Friday 11:00-11:50		
• David G. Gueulette	Thursday 8:45-9:35		
Richard Casey			
Shaun Harley			
Jerry Hostetler			
• Nancy Nelson Knupfer Marina Stock McIsaac			
• Leonard Koenig Carol Koehler	Thursday 8:45-9:35		
Philip Konomos	Saturday 9:15-9:35		
• Lyn Lacy	Friday 11:00-11:50		
• Lyn Lacy			
· Susan B. Leahy			
· James S. Lenze			
· Charles Lewis			
James Lockard			
	Friday 2:40-3:00 Thursday 11:30-11:50		
	Thursday 11:30-11:50		
• Hilary McLellan			
Colleen McNally Arnold S. Wolfe			
Nikos Metallinos Gilbert DeNobile Rosa Volpe Ronald Sutton	Thursday 9:45-11:00		
· Nikos Metallinos	Saturday 11:00-11:50		
· Craig L. Miller	Thursday 11:30-11:50		
· Helen B. Miller			
	Saturday 10:00-10:50		
· Anthony Moon			
	Thursday 11:00-11:20		
• Randall Nichols			
	Saturday 11:00-11:50		
Transition Control	23		

IVLA '90 PRESENTERS

• David D. Perlmutter	
· Dennis Pett	Thursday 10:00-10:50
• Dennis Pett	Thursday 8:05
• Rune Pettersson	Thursday 2:10-2:30
• Lorraine Pflaumer L. Jane Thomley	
Ann Poppie	Friday 3:25 - 4:15
• Tillman J. RaganPatricia L. Smith	
Martin Retzer	Thursday 2:40-3:00
• Landra L. Rezabek Linda M. Goldman	
• Richard Richter	Friday 4:25-5:15
Rhonda Robinson Marilyn Bazeli Alice Rusevic Nancy Fister Annaelizabeth Dana	
• Richard M. Ruggiero Brenda M. Lewis-Ruggiero	Friday 2:40-3:00
· Mioko Saito	Friday 2:40-3:00
· Ann C. Saunders	Friday 11:00-11:50
Beth Saxton	Friday 9:20-9:40
Margaret Ann Smith Patricia L. Smith	Friday 9:20-9:40
James Stanlaw	Thursday 10:00-10:50
Marina Stock McIsaac Phil Konomos	Saturday 9:15-9:35
· James G. Sucy	Thursday 8:45-9:35
• Ronald E. SuttonAnn Zelle	
• Ronald E. Sutton	Saturday 10:00-10:50
• Merton E. Thompson	
• Sally Trethewey	
Sally West-Morgan	
• Scott E. Wiley	Saturday 11:00-11:50
Terry L. Burton	Carried 4.25 4.45
Forrest Wisely Paul Wohlfeil	
• Roger B. Wyatt	
• Andrew R. J. Yeaman	
Titalew N. J. Teaman	Duiniday 2.10-3.00







Conference Graphic Design by Laura DiMascio Illinois State University Media Services Graphic Production