THIRTY YEARS OF HICSS

A Brief History of the Hawaii International Conference on System Sciences

Very few conferences have been able to grow and develop as HICSS has over a 30-year period. The IEEE Computer Society and the ACM are celebrating nearly 50 years of service. HICSS has been an important event in the world of computer science and information technology during most of the history of these two important international organizations.

HICSS had come a long way in the past three decades. During the first nine years the conference organizers were all University of Hawaii faculty. It was not until 1977 that faculty members Udo W.. Pooch of Texas A&M University, C.V. Ramamoorthy of the University of California at Berkeley, R. Yeh of the University of Texas at Austin, Bruce Shriver of the University of Southwestern Louisiana, and Ted Lewis of the University of Oregon joined HICSS and gave it a broader perspective. HICSS now has organizers from all over the world and solicits papers from a global community.

Many conferences focus on a specific discipline or subject. Although specialization is important, HICSS has chosen to become one of the few general-purpose conferences addressing issues in the areas of computer science, computer engineering, and information systems. The fundamental purpose of this conference is to provide a forum for the exchange of ideas, research results, development activities, and applications. HICSS brings together highly-qualified interdisciplinary professionals in an interactive environment.

Information on the topics listed below is provided in the following pages:

1. An Encapsulated History of HICSS by Bruce Shriver and Ralph Sprague
2. Distinguished Lecturer Series.
3. Plenary Speakers and Special Speakers.
4. Conference Chairs and Track Chairs.
An Encapsulated History of HICSS
by
Bruce Shriver
Ralph Sprague

Beginnings

It is well nigh impossible in a short document to even begin to scratch the surface of this conference’s 30-years of history. However, we will attempt, in these few pages, to capture some of its unique characteristics and some of the ways in which it has left a mark on the field.

The genesis of the *Hawaii International Conference on System Sciences* according to Norm Abramson, one of it founders, was to address a concern among a number of people intimately involved in computing at the University of Hawaii that Hawaii might be considered too remote by many people and somehow left out of the mainstream of activity in this exciting field. He and a small group of colleagues decided to start a conference to “bring potential collaborators and colleagues to Hawaii and make sure they were not left isolated out in the Pacific Ocean.”

The organizers of the first conference were Norm, Franklin Kuo, Bharat Kinariwala, Wes Peterson, and Harold Brown. Their vision and that of the program committee of that 1st meeting has succeeded marvelously.

Among the members of the program committee of the 1st HICSS meetings were:

- Bruce Arden of Michigan
- L. Campbell of Queens University, Canada
- Jose Cruz of Illinois
- Toshio Fujisawa of Osaka, Japan
- Dick Hamming of Bell Labs
- Abraham Levi of CMU
- John Lehmann of NSF and
- Lofti Zadeh of Berkeley

Given the extremely successful reaction to the 1st meeting, the second conference was planned, and so the series began.

Very few conferences in our field have been able to grow and develop as the series of HICSS meetings have over a 30-year period.

The contributions of the HICSS meetings to our discipline have taken several forms, including the steadfast adherence of its organizers to the notion of it being a broadly based, “working conference” — developing opportunities for and encouraging interaction among its participants. This is a meeting in which a rich variety of sub-fields come together and cross established boundaries, not only to learn from one another, but to work with one another. There is a high degree of parallelism in the program. People make an explicit (and if we’ve done our jobs right, a difficult) choice as to what they will attend. They often grumble that they cannot be in two places at the same time.

The HICSS Proceedings have made an impressive contribution to the archival literature. The 30-years of proceedings, in aggregate, total almost 55,000 pages of refereed material in a wide and diverse set of topics. Copies of these proceedings, which have been produced by the Computer
Society Press since 1988, are found in libraries worldwide. Numerous references to papers that have appeared in these proceedings constantly appear in new work.

The HICSS Distinguished Lecture Series has also become known for its exceptional quality since its inception in the early 1980s. As seen in the flyer you have been given as you entered this hall, we have been privileged to hear some truly distinguished scientists over the years. At least three of these talks have been republished in periodicals of extremely large circulation — those of Tony Hoare, Niklaus Wirth, and Ralph Gomory.

Few of those present can forget after Doug Englebart gave his Distinguished Lecturer’s talk, the grace (and emotion) he displayed as he received the Pioneer Award Medal of the IEEE Computer Society for his seminal contributions in the area of human computer interactions.

The HICSS Best Paper awards have also gained increasing notoriety within the computing community. There are some in this very audience this evening who have experienced the feeling of accomplishment one has after having been given one of these awards, knowing the stringent selection process involved. In fact, at least two people and their collaborators in the audience — Yale Patt of Michigan and Jay Nunamaker of Arizona — have received several “best paper” awards.

Many of the HICSS papers have lives well beyond their initial publication in the conference proceedings. Many have:

- Become journal articles, or
- Appeared in special issues of highly regarded periodicals such as *Computer, IEEE Software, IEEE Parallel and Distributed Systems*, and the *Journal of Management of Information Systems*, or
- Been developed into full scale monographs or books.

A number of these special issues have become landmark volumes in the field — the *Multi-Paradigm Languages* issues of *IEEE Software* and the *High Performance I/O* issue of *IEEE Computer* come to mind as two such examples. Moreover the IEEE Computer Society Press now publishes a series of books whose content or topic focus stems from HICSS. There are currently three books in this series.

When considering the impact of HICSS, it is important to note that HICSS has had some interesting, long-term effects on the field. Some major areas of research and development have been largely defined, initiated, and nurtured at various HICSS conferences — e.g., *Decision Support Systems* and *Group Support Systems*, *Logic Modeling and Model Management Systems*, *Negotiation Support Systems*, and *Creativity/Innovation in IS Organizations*, all come to mind.

Finally, its worth mentioning that some entirely new conferences have been spawned (either entirely or in part) out of HICSS tracks or mini-tracks. Two such examples are the MedComp conferences (the IEEE Computer Society Computational Medicine conferences) and the Pacific Symposium on Biotechnology Computing.

**Participation**

The first HICSS conference, which occurred in January 1968, had representatives from 11 countries. The programs of the early conferences document well that scientists and engineers from the United States, Australia, Canada, Japan all made substantive contributions to these meetings.
Since 1968, the list of countries typically represented at HICSS has grown to representative of a veritable “United Nations” of computing professionals. This year alone, there are 33 countries represented at HICSS. Over 40% of the more than 600 conference participants come from outside the United States, giving continued substance to the word \textit{international} in the name, the Hawaii International Conference on System Sciences.

An extremely high percentage of these attendees, over 85%, are authors. We believe this is a significant and unique characteristic of this meeting. This is a conference of people who are actively working in many of the interrelated fields of computer science. There are few “walk-ons” or “observers” — most people are here to discuss their work.

The registration fee for the first HICSS conference was $25 and included “Conference materials, copy of the proceedings and daily round-trip bus transportation from Waikiki hotels to the University of Hawaii.”

The fee escalated to $30 in 1969 and $35 in 1970. In 1981 with HICSS-14, the conference grew from a 2-day format to a 3-day format. HICSS took on its current 4-day format at HICSS-19, in 1986. HICSS-20 was the first HICSS meeting which was not held on Oahu, but took place instead on the Kona Coast of the Big Island. In fact the conference has yet to return to Oahu.

Over the past 30-years, an incredible number of distinguished workers in the field have come, not just as invited plenary speakers or distinguished lecturers, but, more importantly, as:

- Members of various conference program committees or one of the advisory committees
- Authors
- Session coordinators
- Task force participants

or to present seminars or advanced tutorials — that is, they were here (often at multiple HICSS meetings) as active participants.

Let’s take a brief look at names of some of these people.

<table>
<thead>
<tr>
<th>Last</th>
<th>1st Name</th>
<th>Comment</th>
<th>1st Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abramson</td>
<td>Norm</td>
<td>fundamental contributions to Internet technology</td>
<td>1968</td>
</tr>
<tr>
<td>Bellman</td>
<td>Richard</td>
<td>father of Dynamic Programming</td>
<td>1971</td>
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<tr>
<td>Bjorner</td>
<td>Dines</td>
<td>VDL - Vienna Definition Language</td>
<td>1970</td>
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<tr>
<td>Booth</td>
<td>Taylor</td>
<td>Taylor Booth Award (Education Medal for the IEEE Computer Society)</td>
<td>1968</td>
</tr>
<tr>
<td>Cocke</td>
<td>John</td>
<td>National Medal of Science, Turing Award, NAE, Eckert-Mauchly Award</td>
<td>1969</td>
</tr>
<tr>
<td>Flynn</td>
<td>Mike</td>
<td>Eckert-Mauchly Award</td>
<td>1970</td>
</tr>
<tr>
<td>Metcalfe</td>
<td>Bob</td>
<td>IEEE Medal of Honor</td>
<td>1973</td>
</tr>
<tr>
<td>Nunamaker</td>
<td>Jay</td>
<td>father of a separate subfield - collaborative technology</td>
<td></td>
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<tr>
<td>Ritchie</td>
<td>Dennis</td>
<td>Co-inventor of UNIX and Turing Award winner</td>
<td></td>
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<tr>
<td>Organick</td>
<td>Elliott</td>
<td></td>
<td>1970</td>
</tr>
<tr>
<td>Patt</td>
<td>Yale</td>
<td>IEEE Piore Award, Eckert-Mauchly Award</td>
<td>1970</td>
</tr>
<tr>
<td>Schwartz</td>
<td>Jack</td>
<td></td>
<td>1970</td>
</tr>
</tbody>
</table>
There are so many other names that one recognizes immediately when paging through these old programs:

- Al Avizines of UCLA
- Bill McKeeman of Santa Cruz, DEC
- Hideo Aiso of Keio
- Les Belady of IBM, MERL
- Mike Dertouzus of MIT
- Toshio Fujisawa of Osaka
- Tse Feng of Purdue

Now, pause for a moment and take a look at the people around you. If the history of is any indicator, you may very well be looking at the very next John Cocke, or the next Mike Flynn, or the next Harold Stone, or the next Andy Whinston or the next Jay Nunamaker, or the next Dines Bjorner, or the next Yale Patt. That’s incentive enough to attend all of the technical sessions you can!

**Sponsors**

Part of the history and heritage of HICSS is the set of sponsors and supporting organizations that have helped HICSS through the years. Among them are:

- UH Dept. of EE
- UH Information Sciences Program
- ONR
- AFOSR
- NSF
- IEEE Computer Society
- IEEE Systems Science and Cybernetics Society
- ACM
- SIAM
- Hawaii Section of the IEEE
- IEEE Control Systems Society
- IEEE Group on Information Theory
- IEEE Group on Automatic Control
- ARO
- Regional Medical Program of Hawaii
- UH CBA

**Closing**

We are truly honored — as we believe all of the prior conference and program committee chairmen of this meetings surely felt they were — to have been a part of this meeting and to have served the community at large through participating in it.
We extend thanks, not just for ourselves, but for all of the past conference chairmen and program committees (a significant number of which are not able to be with us this evening), to all of those who have given salient advice, creative thought, constructive criticism, or an untold number of hours of blood, sweat, and tears to make these meetings truly rewarding for the attendees.

We hope that you have enjoyed this brief and very incomplete history of the HICSS series of conferences. Following are the complete lists of Distinguished Lecturers, Plenary Speakers, and Conference Organizers for the first 30 years of HICSS.
<table>
<thead>
<tr>
<th>Year</th>
<th>Lecturer</th>
<th>Institution/Organization</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1980</td>
<td>Robert S. Ledley</td>
<td>National Biomedical Research Foundation, Georgetown University Medical Center</td>
<td><em>Diagnosis by Computer: Two Decades of Progress</em></td>
</tr>
<tr>
<td>1981</td>
<td>Homer R. Warner</td>
<td>University of Utah/LDS Hospital</td>
<td><em>The Computer as a Support System for Clinical Decisions</em></td>
</tr>
<tr>
<td>1982</td>
<td>Wayne Willenberg</td>
<td>Spensley Horn Jubas &amp; Lubitz, Los Angeles, California</td>
<td><em>Protection of Computer Software</em></td>
</tr>
<tr>
<td>1983</td>
<td>E.F. Codd</td>
<td>IBM Research Laboratory, San Jose, California</td>
<td><em>The Capabilities of Relational Database Management Systems</em></td>
</tr>
<tr>
<td>1984</td>
<td>Maurice V. Wilkes</td>
<td>Digital Equipment Corporation</td>
<td><em>Some Personal Reflections on Career in Computer Science Research</em></td>
</tr>
<tr>
<td>1985</td>
<td>Professor Hideo Aiso</td>
<td>Keio University</td>
<td><em>Research Topics in Japan National Project For Information Technology</em></td>
</tr>
<tr>
<td>1986</td>
<td>John Cocke</td>
<td>IBM Thomas J. Watson Research Center</td>
<td><em>High Performance Scalar Scientific Architectures</em></td>
</tr>
<tr>
<td>1987</td>
<td>C.A.R. Hoare</td>
<td>Oxford University</td>
<td><em>Laws of Programming</em></td>
</tr>
<tr>
<td>1989</td>
<td>Harlan D. Mills</td>
<td>University of Florida and Information Systems Institute</td>
<td><em>The Human Frontier in Software Engineering</em></td>
</tr>
<tr>
<td>1991</td>
<td>Terrence J. Sejnowski</td>
<td>The Salk Institute and University of California at San Diego</td>
<td><em>Perspectives on Neural Computation</em></td>
</tr>
<tr>
<td>1992</td>
<td>Barbara Liskov</td>
<td>Massachusetts Institute of Technology</td>
<td><em>Replication Algorithms</em></td>
</tr>
<tr>
<td>1993</td>
<td>Douglas C. Engelbart</td>
<td>Bootstrap Institute</td>
<td><em>Organizational IQ and Paradigm Shiftlessness</em></td>
</tr>
<tr>
<td>1994</td>
<td>Niklaus Wirth</td>
<td>Swiss Federal Institute of Technology</td>
<td><em>The Growth of Software</em></td>
</tr>
<tr>
<td>1995</td>
<td>Ralph E. Gomory</td>
<td>Alfred P. Sloan Foundation</td>
<td><em>Computers and National Productivity</em></td>
</tr>
<tr>
<td>1996</td>
<td>Raj Reddy</td>
<td>Carnegie Mellon University</td>
<td><em>To Dream the Possible Dream</em></td>
</tr>
<tr>
<td>1997</td>
<td>Donald A. Norman</td>
<td>Apple Research Laboratories</td>
<td><em>Converging Industries: The Multiple Impact of Converging Industries on Politeness, the Individual, Society and Nations</em></td>
</tr>
</tbody>
</table>
Plenary Speakers and Special Speakers

1970 (HICSS-3)  
F. Karl Willenbrock, President, I.E.E.E.

1971 (HICSS-4)  
M.E. Van Valkenburg, Princeton University

1972 (HICSS-5)  
Richard Bellman, University of Southern California

1973 (HICSS-6)  
Stewart Udall, Chairman of the Board, Overview  
James C. Elms, Transportation Systems Center, U.S. Dept. of Transportation

1977 (HICSS-10)  
D. Stoutemeyer, University of Hawaii  
W.A. Davis, BMDATC, U.S. Army, Huntsville, Alabama

1978 (HICSS-11)  
E. Carlson, International Business Machines, San Jose, California  
D. Heenan, Dean, College of Business Administration, University of Hawaii

1980 (HICSS-13)  
Gabor T. Herman, State University of New York at Buffalo, Computerized Reconstruction & Three Dimensional Display of Human Organs

1981 (HICSS-14)  
J. Daniel Couger, University of Colorado, Factors in the Motivation and Growth of Computer Professionals

1982 (HICSS-15)  
Portia Isaacson, Future Computing, From Microprocessors to Personal Robots  
R.E. Fischell, The Johns Hopkins University, A Microcomputer Controlled, Implantable Medication System

1983 (HICSS-16)  
Thomas M. Lodahl, Arlington, Massachusetts, Personal Software and the Evolution of Thinking  
Kames H. McAlear, EMV Associates, Inc., Towards Biomolecular Logic

1984 (HICSS-17)  
Nelson Max, Lawrence Livermore National Library, Advances in Computer-Generated Graphics  
Harold C. Kinne, Future Computing Inc., The Microcomputer Revolution
1985
(HICSS-18)  Michael E. Treacy, Massachusetts Institute of Technology,
Software Architecture for End-User Computing
Ralph R. Grams, University of Florida, Computers in Health Care: China, Japan and Hong Kong

1986
(HICSS-19)  Ted Lewis, Oregon State University, To Program or Not to Program, the View from the Boiler Room
Eric D. Carlson, Convergent Technologies, San Jose, California, The Elusive Executive Workstation

1987
(HICSS-20)  Norman Abramson, University of Hawaii, The New Networks
Andries van Dam, Brown University, Computer Graphics After 25 Years - Where is it Going?
Charles Brownstein, National Science Foundation, Research in Computer and Information Science and Engineering (CISE) at the National Science Foundation

1988
(HICSS-21)  Andries van Dam, Brown University, Future Directions for High-End Workstations
Arie Y. Lewin, National Science Foundation, Impact of User Driven Computer Mediated Technology on Organizations
Lee W. Hoevel, NCR Corporation-World Headquarters, Quality, Technology and Magic

1989
Ben G. Matley, Ventura College, The Information Society - The Reality is Now, Through National Computer Policies
Harlan D. Mills, University of Florida and Information Systems Institute, The Human Frontier in Software Engineering

1990
(HICSS-23)  Lee W. Hoevel, NCR Corporation-World Headquarters, Desktop Shock: The Future at Your Fingertips
Russell L. Brand, Computer Break-ins: Theory and Practice - Urchins and Spies
Daniel P. Siewiorek, Carnegie Mellon University, Performance or Reliability - That is the Question

1991
(HICSS-24)  Lee W. Hoevel, NCR Corporation-World Headquarters, Integrating Workstations and Communications
Robert Johansen, Institute for the Future, Future Directions for Collaborative Technology
Justin Rattner, Intel Scientific Computers, Grand Challenge Computer Systems
<table>
<thead>
<tr>
<th>Year</th>
<th>Conference</th>
<th>Author(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>1992</td>
<td>(HICSS-25)</td>
<td>Yale Patt, University of Michigan</td>
<td><em>What to do About the Speed of Light</em></td>
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<td></td>
<td></td>
<td>Andries van Dam, Brown University</td>
<td><em>Escaping Flatland</em></td>
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<td></td>
<td>Daniel Teichroew, University of Michigan</td>
<td><em>The Evolution of Information System Development</em></td>
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<td>John Gustafson, Ames Laboratory</td>
<td><em>Parallel Programming Technology</em></td>
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<td>1993</td>
<td>(HICSS-26)</td>
<td>Lee W. Hoevel, NCR Corporation</td>
<td><em>Massive Parallelism in On-Line Support Systems</em></td>
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<td>John Seely Brown, Xerox Corporation</td>
<td><em>Where’s the Productivity?</em></td>
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<td>Robert Langridge, University of California</td>
<td><em>Computational Visualization of Biochemical Complexity</em></td>
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<tr>
<td>1994</td>
<td>(HICSS-27)</td>
<td>Michael Evangelist, Florida International University</td>
<td><em>Creating the Profession of Software Engineering</em></td>
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<td></td>
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<td>Paul A. Straussmann, West Point Military Academy</td>
<td><em>Information Technology and Organizational Effectiveness</em></td>
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<td>James E. Smith, Cray Research, Inc.</td>
<td><em>Vector Supercomputers: Will They Soar Like the Birds?</em></td>
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<td>1995</td>
<td>(HICSS-28)</td>
<td>M. Stuart Lynn, Commission on Preservation and Access</td>
<td><em>Preserving Our Heritage</em></td>
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<tr>
<td></td>
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<td>Sape J. Mullender, University of Twente, Netherlands</td>
<td><em>Pegasus: Operating-System Support for Distributed Multimedia</em></td>
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<td>Harold Morowitz, George Mason University</td>
<td><em>Knowledgebases, Databases, and The Matrix of Biological Knowledge</em></td>
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<tr>
<td>1996</td>
<td>(HICSS-29)</td>
<td>Richard Lanham, Rhetorical, Inc.</td>
<td><em>The Economics of Attention and the Arts of Information</em></td>
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<tr>
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<td>K. Eric Drexler, Institute for Molecular Manufacturing</td>
<td><em>Molecular Manufacturing: Bringing Software Economics to the World of Things.</em></td>
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<td></td>
<td></td>
<td>Yale Patt, University of Michigan</td>
<td><em>The Microprocessor and its Performance in the Year 2000</em></td>
</tr>
<tr>
<td>1997</td>
<td>(HICSS-30)</td>
<td>Bruce Shriver, Genesis 2</td>
<td><em>Core Technologies in the Age of Intranets and Internets</em></td>
</tr>
</tbody>
</table>
## Conference and Track Chairs

<table>
<thead>
<tr>
<th>Year</th>
<th>Conference Chair</th>
<th>Program Chairs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1968</td>
<td>Franklin F. Kuo, University of Hawaii</td>
<td>Norman Abramson, University of Hawaii, Bharat Kinariwala, University of Hawaii, W. Wesley Peterson, University of Hawaii</td>
</tr>
<tr>
<td>1969</td>
<td>Norman Abramson, University of Hawaii</td>
<td>Franklin F. Kuo, University of Hawaii, N. Thomas Gaarder, University of Hawaii, Rahul Chattopadhyay, University of Hawaii</td>
</tr>
<tr>
<td>1970</td>
<td>N. Thomas Gaarder, University of Hawaii</td>
<td>Rahul Chattopadhyay, University of Hawaii, Richard Jones, University of Hawaii</td>
</tr>
<tr>
<td>1971</td>
<td>E. J. Weldon, Jr., University of Hawaii</td>
<td>Rahul Chattopadhyay, University of Hawaii, David Pager, University of Hawaii</td>
</tr>
<tr>
<td>1973</td>
<td>Bharat Kinariwala, University of Hawaii</td>
<td>Crawford S. Holling, University of Hawaii, Richard D. Bauman, University of Hawaii, Rahul Chattopadhyay, University of Hawaii</td>
</tr>
<tr>
<td>1974</td>
<td>Bharat Kinariwala, University of Hawaii</td>
<td>David Slepian, University of Hawaii, Norman Abramson, University of Hawaii, Jur Oizumi, Tohoku University, Japan, Tom Gaarder, University of Hawaii</td>
</tr>
<tr>
<td>1975</td>
<td>A. Lew, University of Hawaii</td>
<td>Rahul Chattergy, University of Hawaii</td>
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<tr>
<td>1976</td>
<td>Rahul Chattergy, University of Hawaii</td>
<td>Rahul Chattergy, University of Hawaii</td>
</tr>
<tr>
<td>1977</td>
<td>Rahul Chattergy, University of Hawaii, Ralph H. Sprague, Jr., University of Hawaii, Udo W. Pooch, Texas A&amp;M University</td>
<td>C. V. Ramamoorthy, U. of California, Berkley, R. Yeh, University of Texas, Austin, U. W. Pooch, Texas A&amp;M, College Station, Ralph H. Sprague, Jr., University of Hawaii, B. Shriver, University of Southwestern Louisiana, T. Lewis, University of Oregon</td>
</tr>
<tr>
<td>Year</td>
<td>Conference Co-Chairs:</td>
<td>Conference Chair:</td>
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<tr>
<td>1978</td>
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<td>Ralph H. Sprague, Jr., University of Hawaii</td>
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<tr>
<td>1979</td>
<td></td>
<td>Ralph H. Sprague, Jr., University of Hawaii</td>
</tr>
</tbody>
</table>
1985 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce Shriver, IBM, Thomas J. Watson Research Center
Track Chairs: Edmund L. Gallizzi, Eckerd College, St. Petersburg
Bruce Shriver, IBM, Thomas J. Watson Research Center
Joyce Elam, University of Texas
Terry M. Walker, U. of Southwestern Louisiana

1986 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Track Chairs: Yaohan Chu, University of Maryland
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Lee Hoevel, IBM, Thomas J. Watson Research Center
Edward A. Stohr, New York University
Art Speckard, Aerospace Corporation
Ralph R. Grams, University of Florida, Gainesville
Terry M. Walker, U. of Southwestern Louisiana

1987 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Track Chairs: Lee W. Hoevel, NCR Corporation
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Edward A. Stohr, New York University
Ralph R. Grams, University of Florida
Ralph H. Sprague, Jr., University of Hawaii

1988 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Track Chairs: Lee W. Hoevel, NCR Corporation, World Headquarters
Bruce D. Shriver, IBM Thomas J. Watson Research Center
Benn R. Konsynski, Harvard Business School
Ralph H. Sprague, Jr., University of Hawaii

1989 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce D. Shriver, IBM, Thomas J. Watson Research Center
Track Chairs: Lee W. Hoevel, NCR Corporation, World Headquarters
Veljko Milutinovic, Purdue University
Robert W. Blanning, Vanderbilt University
David King, Execucom Systems Corporation
Ralph H. Sprague, Jr., University of Hawaii
1990 Conference Co-Chairs: Ralph H. Sprague, Jr., University of Hawaii
Bruce D. Shriver, IBM, Thomas J. Watson Research Center

Track Chairs:
Veljko Milutinovic, University of Belgrade
Lee W. Hoovel, NCR Corporation
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