

# **CALL FOR PAPERS FOR COLLABORATIVE VISION DEVELOPMENT**

## **Part of the Collaboration Systems and Technology Track**

Thirty-sixth Annual HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES

January 6 - 9, 2003

Hilton Waikoloa Village on the Big Island of Hawaii

Although organizations have long faced varying degrees of uncertainty, complexity, novelty, and change, scholars agree the rate of change in today's environment is unprecedented. This volatility necessitates that organizational systems be designed for the future. Strategic management, or vision development as we like to call it, should enable organizations to align their structure, procedures, and technologies with anticipated needs.

Vision development is more challenging than ever. Organizations have to deal with infinite, ambiguous and unexpected information, managers face markets undergoing sudden chaotic change, and predictions about the future are hard to make.

Besides the increasing information challenges, vision development in today's organizations is also increasingly collaborative. Where managers were able to make authoritative decisions in the past, they now have to rely on the in-depth expertise of professionals. Vision development projects require collaboration to deal with complexity, for acceptance reasons, for evaluation purposes, to involve different stakeholders, and to create synergy.

The aforementioned changes in vision development require the support for vision development to change as well. Traditional decision support systems were based on fundamental technologies, allowed limited communication, and followed a rational approach. Today's tools and technologies, however, allow for a more sophisticated support environment, including simulation, graphics, and collaboration. The role of the web in this should also not be underestimated.

The minitrack on "COLLABORATIVE VISION DEVELOPMENT" as part of the Collaboration Systems and Technology Track at the Hawaii International Conference on System Sciences (HICSS) is to discuss the support for groups to participatively develop shared understanding and vision regarding their organizational systems. This minitrack provides one of the key international platforms on which the following issues can be discussed:

- (1) Collaborative approaches to create a vision for organizational systems.
- (2) Collaborative approaches to model organizations as systems in order to operationalize this vision to organizational structure, processes, and performance.
- (3) Collaborative approaches to translate the system visualized into a system implemented.

Thus, papers are welcome that contain original ideas on systematic modeling, analysis, design and implementation of visions concerning organizational structures and processes. In summary, the specific topics of interest for this minitrack fall into categories below. However, topics addressing the minitrack theme that are not listed below are especially welcome:

#### A. Approaches

- joint modeling sessions
- group communication, facilitation and coordination
- analyst and stakeholder interaction and roles
- process management methods
- decision-making models
- creativity processes
- assessment and measurement of system performance and effectiveness
- theories and guidelines for organizational design and development

#### B. Modeling techniques

- (dynamic) enterprise and process modeling
- object-oriented modeling
- diagramming techniques to capture time-related aspects
- simulation/animation models
- incorporation of external factors and influences
- incorporation of uncertainty
- information visualization techniques
- building flexibility and longevity into models
- evaluation of various modeling methods used in vision development
- implications of modeling technique choice

#### C. Supporting tools

- interactive modeling workbenches and CASE tools
- modeling support for (stakeholder) groups
- simulation/animation tools
- data collection tools
- electronic meeting tools for organizational design
- use of design tools applied in organizational contexts

#### D. Special application areas

- gaming
- (dynamic) models for decision support
- (dynamic) models as training instruments
- system dynamics
- administrative logistics and project management
- production and transport chain logistics

#### E. Implementation issues

- transferring models for design into actual implementations
- change management
- implementation success factors
- coping with resistance to organizational change
- impact on job content and quality of working life
- stakeholder roles and responsibilities

## **MINITRACK COORDINATORS**

Mariëlle den Hengst  
Delft University of Technology  
Faculty of Technology, Policy and Management  
P.O. Box 5015, 2600 GA Delft, The Netherlands  
phone: +31.15.27-88542 fax: +31.15.27-83429  
e-mail: [m.den.hengst@tpm.tudelft.nl](mailto:m.den.hengst@tpm.tudelft.nl)

John Kruse  
The University of Arizona  
Center for the Management of Information  
P.O. Box 210108, Tucson, AZ 85721-0108  
phone: +520-907-1864 fax: +603-462-8020  
e-mail: [john@kruser.org](mailto:john@kruser.org)

## **IMPORTANT DEADLINES**

- March 31, 2002      Abstracts submitted for guidance and indication of appropriate content.
- June 1, 2002        Full papers submitted to Minitrack Chairs. Contact minitrack chairs for submission instructions.
- August 31, 2002    Notice of acceptance or rejections of papers sent to Authors by Minitrack Chairs.
- October 1, 2002    Accepted manuscripts submitted electronically to the publisher of the conference proceedings. At least one author of each accepted paper must register to attend the conference by this date. Registration cancellations after this date may result in the paper being pulled from the Proceedings prior to printing. See conference web site for registration fee refund policy.

NOTE: Because HICSS is a nonprofit activity funded entirely by registration fees, all participants and speakers are expected to have their university/organization bear the costs of their expenses and registration. HICSS is not able to subsidize registrations or offer reduced fees.

## INSTRUCTIONS FOR PAPER SUBMISSION

1. Submit papers electronically, in Word or PDF format, directly to the appropriate Minitrack Chair. If this is not possible, submit six (6) copies of the full paper, consisting of 22-26 double-spaced pages, including diagrams, directly to the appropriate Minitrack Chair. (NOTE: The final paper will be a maximum of 10 pages, double-column, single-spaced.)
2. **Do not submit** the manuscript to more than one Minitrack Chair. Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere.
3. Each paper must have a title page to include title of the paper, full name of all authors, and complete addresses including affiliation(s), telephone number(s), and e-mail address(es).
4. The first page of the manuscript should include only the title and a 300-word abstract of the paper.

Send all correspondence related to this minitrack to:

Mariëlle den hengst  
Delft University of Technology  
Faculty of Technology, Policy and Management  
PO Box 5015, 2600 GA Delft, The Netherlands  
T: +31 15 2788542, F: +31 15 22783429  
E: [m.den.hengst@tpm.tudelft.nl](mailto:m.den.hengst@tpm.tudelft.nl)

## TRACKS AT HICSS-36

- **Collaboration Systems**; Co-Chair: Jay Nunamaker; Email: [nunamaker@bpa.arizona.edu](mailto:nunamaker@bpa.arizona.edu); Co-Chair: Robert O. Briggs; Email: [bbriggs@GroupSystems.com](mailto:bbriggs@GroupSystems.com)
- **Complex Systems**; Chair: Robert Thomas; Email: [rjt1@cornell.edu](mailto:rjt1@cornell.edu)
- **Decision Tech. for Management**; Chair: Dan Dolk; Email: [dolker@redshift.com](mailto:dolker@redshift.com)
- **Digital Documents and Media**; Chair: Michael Shepherd; Email: [shepherd@cs.dal.ca](mailto:shepherd@cs.dal.ca)
- **Emerging Technologies**; Co-Chair: Ralph H. Sprague; Email: [sprague@hawaii.edu](mailto:sprague@hawaii.edu); Co-Chair: Hesham El-Rewini; Email: [rewini@enqr.smu.edu](mailto:rewini@enqr.smu.edu)
- **Information Technology in Health Care**; Chair: William Chismar; Email: [chismar@cba.hawaii.edu](mailto:chismar@cba.hawaii.edu)
- **Internet & the Digital Economy**; Co-Chair: David King; Email: [dave@comshare.com](mailto:dave@comshare.com); Co-Chair: Alan Dennis; Email: [ardennis@indiana.edu](mailto:ardennis@indiana.edu)
- **Organizational Systems & Tech.**; Chair: Hugh Watson; Email: [hwatson@uga.edu](mailto:hwatson@uga.edu)
- **Software Technology**; Chair: Hesham El-Rewini; Email: [rewini@enqr.smu.edu](mailto:rewini@enqr.smu.edu)

HICSS conferences are devoted to advances in the information, computer, and system sciences, and encompass developments in both theory and practice. Invited papers may be theoretical, conceptual, tutorial or descriptive in nature. Submissions undergo a peer referee process and those selected for presentation will be published in the Conference Proceedings. Submissions must not have been previously published.

For the latest information visit the HICSS web site at: <http://www.hicss.hawaii.edu>

**CONFERENCE ADMINISTRATION:**

- Ralph Sprague, Conference Chair  
Email: [sprague@hawaii.edu](mailto:sprague@hawaii.edu)
- Eileen Dennis, Track Administrator  
Email: [eidennis@indiana.edu](mailto:eidennis@indiana.edu)  
Tel: 1-812-331-0551  
Fax: 1-812-331-0564
- Sandra Laney, Conference Administrator  
Email: [hicss@hawaii.edu](mailto:hicss@hawaii.edu)  
Tel: 1-808-956-3251  
Fax: 1-808-956-5759

**2003 HICSS-36 CONFERENCE VENUE:**

Hilton Waikoloa Village on the Big Island of Hawaii  
425 Waikoloa Beach Drive  
Waikoloa, Hawaii 96738  
Tel: 1-808-886-1234  
Fax: 1-808-886-2900  
[www.hiltonwaikoloavillage.com](http://www.hiltonwaikoloavillage.com)