



An Invitation to
The 2005 Conference of the

American Society for Cybernetics

The Many Interpretations and Applications of Cybernetics

Place

The George Washington University, Mt. Vernon Campus
2100 Foxhall Road, Washington, DC

Time

Thursday, October 27 (9:00 a.m.) – Sunday, October 30 (6:00 p.m.) 2005

Communication is the interactive
computation of a reality.

-- Klaus Krippendorff

Self-reference is the infinite
in finite guise.

-- Francisco Varela

Join us for presentations and discussions on a wide variety of topics

Management and E-commerce

Education and Learning

Social and Group Processes

The Global University System

Minds, Brains, Machines

Complexity and Open Source Approaches

Country Development

Epistemology

Second Order Science

Reflexivity and Self-Reference

Autopoiesis

Structure, Organization, Identity

Radical Constructivism

Quantum Epistemology

The History of Cybernetics

The logic of the world is the logic of
descriptions of the world;
Perception is the computation of
descriptions of the world;
Cognition is the computation of
computation of ...

-- Heinz von Foerster

There once was a man who said, "Though
I think that I know that I know;

What would like to see

Is the 'I' that knows 'me'

When I know that I know that I know."

-- R.D. Laing

If the world is that which I see,
And that which I see defines me,
And for each it's the same,
Then who is to blame,

And is this what it means to be free?

-- Stuart Umpleby

A Performance by the Performers Workshop Ensemble

Preconference tutorials for these new to the field

To see the program, go to www.asc-cybernetics.org/2005



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October 27-30, 2005 at The George Washington University,
Mt. Vernon Campus (2100 Foxhall Road), Washington, DC

The Many Interpretations and Applications of Cybernetics

Theme

Many people have been using ideas, models and tools from the trans-disciplinary science of cybernetics such as: circular causality, feedback, systems and simulations, and activities that build upon the possibilities and limitations of human and other information processing capabilities. At our 2005 conference we shall illustrate and explore this diversity within our discipline.

Highlights

- * Russell Ackoff "Types of Systems and Models of Them"
- * Mary Catherine Bateson "Relationships between Demographic Changes and Cultural Transmission"
- * John Warfield "Thought about Thought: Twenty-four Centuries of Development and the Consequences"
- * Klaus Krippendorff "Language in the Constitution of Social Systems"
- * Takeshi Utsumi "Global E-Learning for Global Peace"
- * Eric Dent "Assumptions Shared and Not Shared by the Various Fields of Systems Science"

* Karl Mueller "From Second Order Cybernetics to Second Order Science"

* Ranulph Glanville "Knowledge and Design in the Era of Second-Order Cybernetics"

* Stuart Umpleby "Reflexivity in Social Systems"

Hotel Accommodations

The State Plaza Hotel has agreed to a discounted rate of \$139.00 (continental breakfast included, 7-9 a.m.). A 14.5% tax is added to these prices.

State Plaza Hotel
2117 E Street, NW
Washington, D.C. 20037
800-424-2859, 202-861-8200
<http://www.stateplaza.com>

The ASC conference reservation number:
8214

Further Information

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American Society for Cybernetics
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Preregistration Form

I plan to attend the 2005 ASC conference

Registration Fees

- ASC Member \$350 Student \$175
 Non-Member \$430 One Day \$125

Name:

Organization:

Mailing Address:

Email Address:

I would like to participate in the pre-conference tutorial,
“Cybernetics and Biology”, October 27

- Full Time Student \$10 Other \$100

“Cybernetics and Society”, October 27

- Full Time Student \$10 Other \$100

Send to: American Society for Cybernetics
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To register for the conference, send this form to the address indicated or register on-line at http://www.sporg.com/registration?org_id=2889