

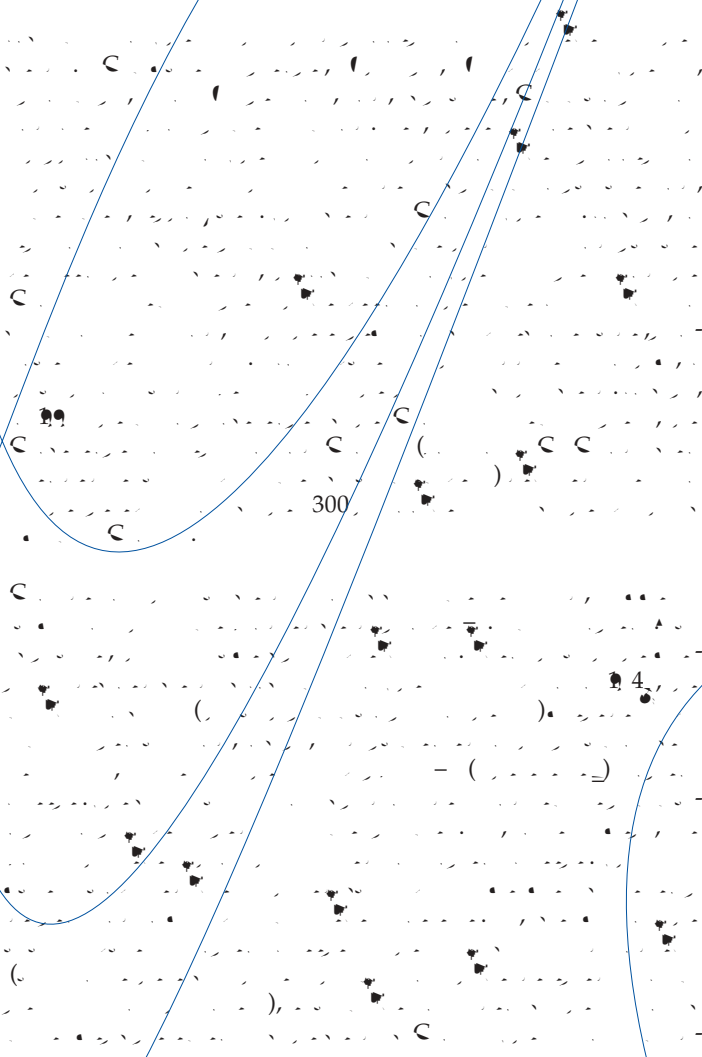
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The Future of Mars-Earth Communications

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Call for Nominations: 2005 Information Theory Society Aaron D. Wyner Award

The Information Theory Society (ITS) is pleased to announce the 2005 Aaron D. Wyner Award. This award honors the memory of Aaron D. Wyner, a pioneer in information theory and communications. The award is presented annually to the author(s) of the paper judged to be the best paper published in the Information Theory Society Transactions during the year 2004. The award is presented at the annual meeting of the Information Theory Society, which is held in conjunction with the IEEE International Symposium on Information Theory (ISIT).

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Call for Nominations: 2005 IEEE Information Theory Society Paper Award

The IEEE Information Theory Society is pleased to announce the 2005 IEEE Information Theory Society Paper Award. This award honors the memory of the IEEE Information Theory Society's first president, Robert Gallager. The award is presented annually to the author(s) of the paper judged to be the best paper published in the IEEE Transactions on Information Theory during the year 2004. The award is presented at the annual meeting of the IEEE Information Theory Society, which is held in conjunction with the IEEE International Symposium on Information Theory (ISIT).

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Call for Nominations: 2005 Joint Information Theory/Communications Society Paper Award

The Joint Information Theory/Communications Society (JITCS) is pleased to announce the 2005 Joint Information Theory/Communications Society Paper Award. This award honors the memory of the Joint Information Theory/Communications Society's first president, Robert Gallager. The award is presented annually to the author(s) of the paper judged to be the best paper published in the Joint Information Theory/Communications Society Transactions during the year 2004. The award is presented at the annual meeting of the Joint Information Theory/Communications Society, which is held in conjunction with the IEEE International Symposium on Information Theory (ISIT).

The award is presented to the author(s) of the paper judged to be the best paper published in the Joint Information Theory/Communications Society Transactions during the year 2004. The award is presented at the annual meeting of the Joint Information Theory/Communications Society, which is held in conjunction with the IEEE International Symposium on Information Theory (ISIT).

The award is presented to the author(s) of the paper judged to be the best paper published in the Joint Information Theory/Communications Society Transactions during the year 2004. The award is presented at the annual meeting of the Joint Information Theory/Communications Society, which is held in conjunction with the IEEE International Symposium on Information Theory (ISIT).

A Course in Error-Correcting Codes,

John H. van Tilburg, 2004, 204 pages, \$30.00, ISBN 0-424-00191-1.

Codes for Mass Data Storage Systems, 2nd Edition,

John H. van Tilburg, 2004, 350 pages, \$15.00, ISBN 0-424-02422-2, (hardcover).
 // (hardcover).

Finite Automata,

John H. van Tilburg, 2003, 320 pages, \$14.95, ISBN 0-424-02422-2.

Handbook of Graph Theory,

John H. van Tilburg, 2003, 11 pages, \$14.95, ISBN 0-424-02422-2.

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John H. van Tilburg, 2003, 424 pages, \$14.95, ISBN 0-424-02422-2.

Spanning Trees and Optimization Problems,

John H. van Tilburg, 2004, 200 pages, \$14.95, ISBN 0-424-04343-3.

Telecommunications Performance Engineering,

John H. van Tilburg, 2004, 304 pages, ISBN 0-424-03413-2.

Mobile and Wireless Communications: Key Technologies and Future Applications,

John H. van Tilburg, 2004, 400 pages, ISBN 0-424-03413-4.

1. The first step is to identify the problem. This involves understanding the requirements and constraints of the system.

2. The second step is to design a solution. This involves creating a detailed plan that outlines the architecture and components of the system.

3. The third step is to implement the solution. This involves writing the code and configuring the hardware.

4. The fourth step is to test the solution. This involves running the system and verifying that it meets the requirements.

5. The fifth step is to deploy the solution. This involves installing the system on the target hardware.

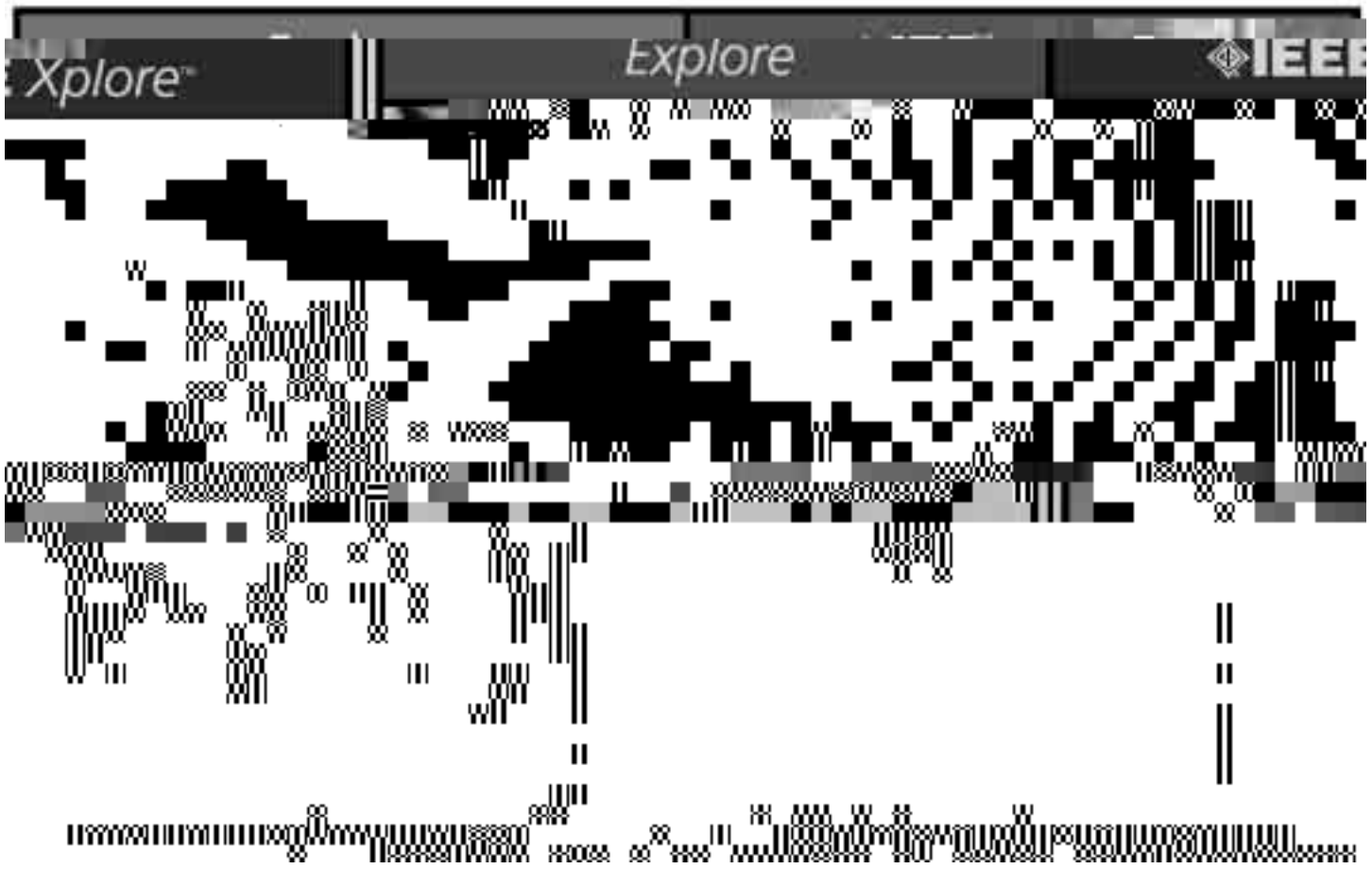
6. The sixth step is to maintain the solution. This involves monitoring the system and making any necessary updates.

7. The seventh step is to document the solution. This involves creating a user manual and other documentation.

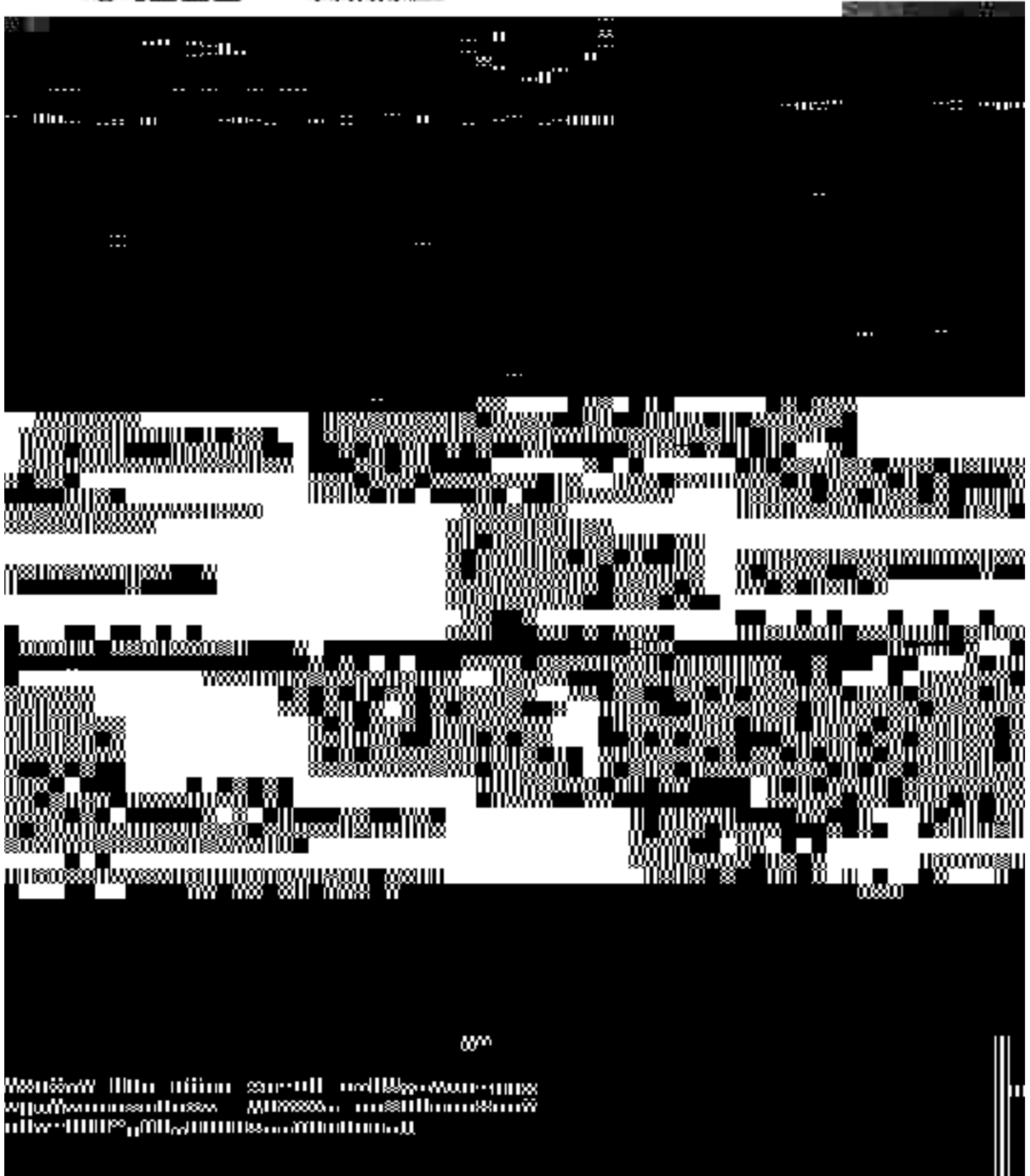
8. The eighth step is to evaluate the solution. This involves assessing the performance and cost of the system.

9. The ninth step is to optimize the solution. This involves making any necessary improvements to the system.

10. The tenth step is to conclude the project. This involves summarizing the results and lessons learned.



Call for Papers
IEEE Information Theory Workshop
on







Los Alamos National Laboratory Workshop
on Applications of Statistical Physics to Coding Theory

Santa Fe, New Mexico
January 10-12, 2005

Call for Participation

The LANL Workshop on Applications of Statistical Physics to Coding Theory, jointly with the LANL Spring School on Statistical Physics, will be an excellent venue with outstanding speakers and high quality technical content. It is sponsored by the Mathematics Department at Los Alamos National Laboratory. The program consists of a series of talks, a poster session and an evening social. More information and the workshop agenda can be found at

<http://enl.lanl.gov/~chee/lanlstatphys2005/>

Interested attendees are invited to contact the organizers for information on registration, travel, and other details. The organizers are



STATEMENT

CALL FOR PAPERS AND FIRST ANNOUNCEMENT

Fourth International Workshop on

January 10-12, 2005

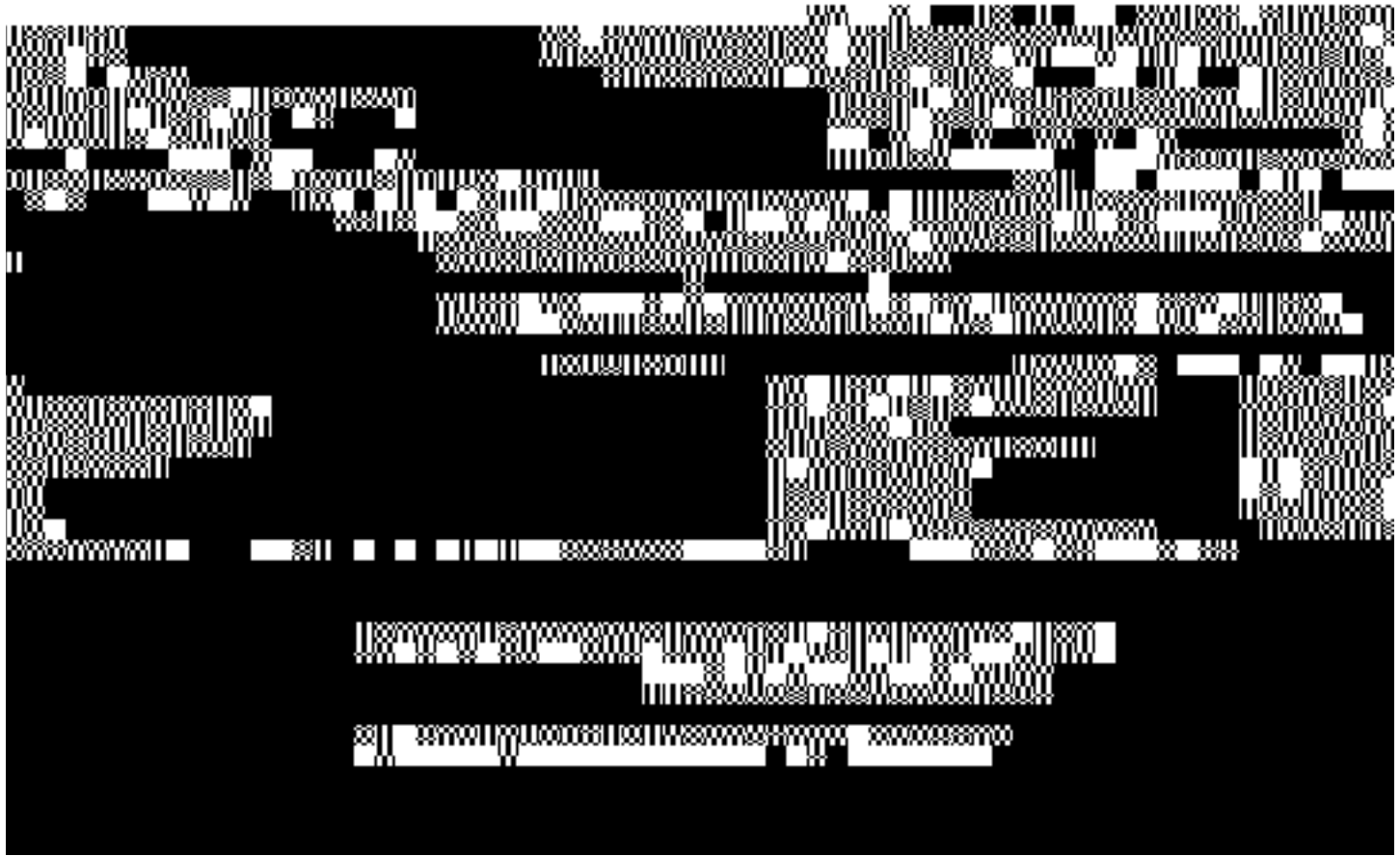


Organizing Committee	Leo Storme (Gent), Henk van Tilborg (Eindhoven)
Local Organizer	Sylvia Boyumova (Sofia), Peter Boyvalentsev (Sofia), Emil Kolev (Sofia), Ivan Landjev (Sofia), Nikolay Muresan (Institute of Mathem. and Informatics, Bulgarian Academy of Sciences)
Topics	<ul style="list-style-type: none"> • Spherical codes and designs; • Covering problems for linear and nonlinear codes; • Optimization problems for nonlinear codes; • Sets of points in finite geometries; • Combinatorial configurations and codes; • Optimality problems in cryptography; • Graph theory and codes; • Related topics.
Time	June 17 - 23, 2005
Loc:	NY



CALL FOR PAPERS

The 2005 Canadian Workshop on





DATE	CONFERENCE	LOCATION	CONTACT/INFORMATION	DUE DATE
10-12, 2007	LANL Workshop on Applications of Statistical Physics to Coding Theory	Los Alamos, NM	LANL, Los Alamos, NM	
3-4, 2005	WiOpt 2005	San Francisco, CA	Stanford University	