



**Office of Scientific and Technical Information
U.S. Department of Energy**

Enabling Scientific Discovery through a Science Information Infrastructure



the right information
the right place
the right time

AITC 2002

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Talking points: www.osti.gov/wwspeech.html



00-40-12-10-00



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“Shared knowledge is the
enabler of scientific progress”





science.gov

FIRSTGov for SCIENCE
connects you to U.S. Government science and technology



March 2002

science.gov makes
Web debut in test mode
as official
FirstGov for Science portal



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science.gov

FIRSTGov for SCIENCE
connects you to U.S. Government science and technology



Laying the Foundation for *science.gov*



May 2000 - Workshop at NAS; vision for
a Physical Sciences Information
Infrastructure strengthened

April 2001 - Workshop at NIST;
science.gov endorsed as interagency
science portal or gateway



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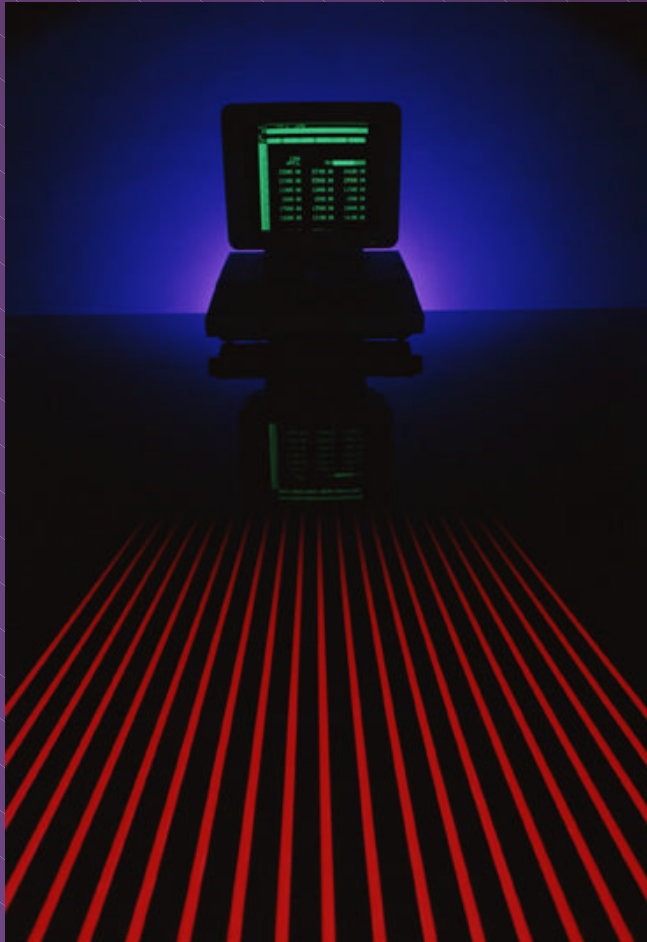
“Articles freely available online are more highly cited. For greater impact and faster scientific progress, authors and publishers should aim to make research easy to access.”

Nature, Vol. 411, No. 6837, p. 521, 2001





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Success

- Electronic transition
- Streamlined metadata
- Harvesting





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Energy Citations Database

EnergyFiles
Distributed searching across 500 heterogeneous databases and Web sites

PUB SCIENCE
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Information Bridge
Full-text reports

PrePRINT Network
Preprint Literature

Federal R&D Project Summaries

GrayLIT Network
Federal gray literature

DOE R&D Accomplishments
Outcomes of past research

Research Development Project Summaries
R&D projects

Declassified Information

Subject Portals
Subject Specific Information





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OSTI's Deep Web
Searching -
single-query searching of
distributed database
content...no matter the
information's location,
format or posting agency





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Using the Open Archive Initiative
(OAI) and XML
to Harvest and Reuse Content



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The promise of greater access, retrievability,
and discovery of more and more
knowledge is too great to be denied.

