Toward a cyber science infrastructure

Realization of a cyber science infrastructure (CSI) via coalition of universities and NII

High reliability and large capacity

- Quick service recovery owing to multi-loop topology
- Introduction of Japan's first STM-256(40Gbps) lines

User-oriented services

 A rich variety of services corresponding to the trend of cutting-edge academic activities

Enhanced international collaborations

- An Asian core of the international academic network

SINET3 carries on its operations since April 2007.

NII Scholarly and academic information portal

Academic information

NII is striving to develop a next-generation scholarly conten infrastructure by collaborating with scholarly communities to ensure that information about their activities can be disseminated. Digitization of Japanese academic articles and E-journal archive

Support for institutional repositories

CSI= Cyber Science Infrastructure

Cultivation of human resources and development of framework of promoting and securing personnel

Virtual research organizations and live collaboration

Academic

network

NII provides SINET3, the novative information network

with its leading technology,

which connects academic

of the CSI

titutions throughout Japar

Development of scholarly and academic information and institutional repositories

Development of research grid software for collaborative utilization of supercomputers

University PKI initiative for secure and reliable infrastructure

New ultrahigh-speed network:SINET3

Development of research resources/ Dissemination of research achievements produced at universities Collaboration and cooperation among academic communities for advancing CSI construction

Universities and Research Institutions

National Institute of Informatics

Organization for Science Network Operations and Coordination

Network Systems Working Committee

Authentication Systems Working Committee

Grid Systems Working Committee

Working Group for Information Security Policy for National Universities and Institutions

Organization for Scientific Resources Operations and Coordination

Library Liaison Working Committee

Academic societies and related institutions

Research Organization of Information and Systems

国立情報学研究所 National Institute of Informatics

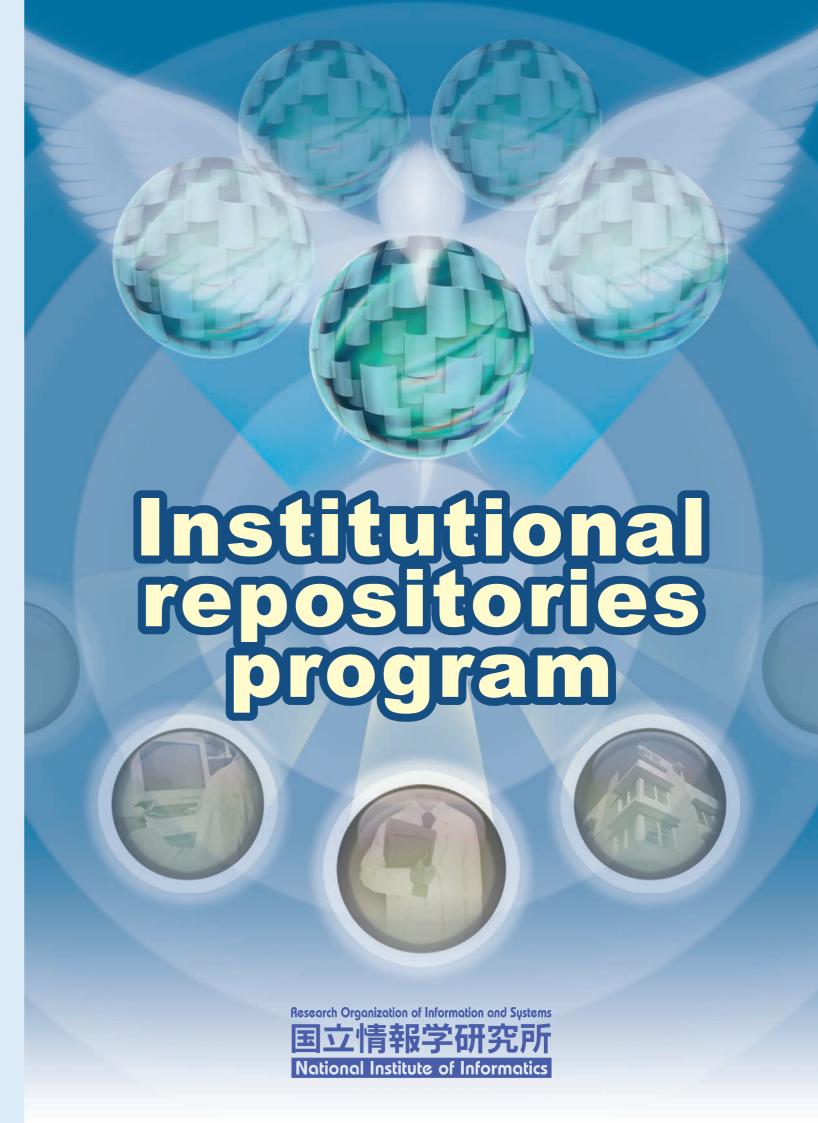
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Institutional repositories

