

2010 年

第 期 总第 期（半月刊）

信息学研究与应用

主办：中国科学院信息化工作领导小组办公室 承办：中国科学院国家科学图书馆成都分馆

本期视点：

29

ENISA

2011

"

"

ICT

"

"

信息化战略与政策

	29	.....	1
ENISA		.....	4
		.....	6
2011		.....	8
		.....	10
ICT		.....	11
	2010	.....	13

信息化管理与创新

		.....	14
"	"	.....	16
IPA		.....	17

专家视点

		18
--	--	-------	----

信息化技术与基础设施

		.....	20
		.....	21

信息化应用与环境

NASA		.....	21
	ICT	" "	22
	Cray	.....	23
EARTH	4G	.....	24
IPA	2010	10	25
HITRUST	CSA	.....	25

信息化战略与政策

29

2010 4 19

Granada

6

2020

29

8

1.

1 2013

100%

2020

2

3

4

2.

5

6

ICT

ICT

7

8

9

10

11

3.

12

13

4.

14

15

16 Europeana

ICT

27

IGF

8. /

28

29

<http://bulletin.sciencebusiness.net/ebulletins/showissue.php3?page=/548/art/17702&ch=5>

http://www.eu2010.es/export/sites/presidencia/comun/descargas/Ministerios/en_declaracion_granada.pdf

ENISA

ENISA

IT

1.

/

-

2.

RTDDS

RTDDS

RTDDS
RTDDS

RTDDS

3.

QoS

mesh

mesh

4.

5.

ICT

ICT

<http://www.enisa.europa.eu/media/press-releases/future-eu-research-it-security-priorities-identified-always-online-availability-in-focus>

ed-always-online-availability-in-focus

<http://www.enisa.europa.eu/act/res/technologies/procent>

2010 3 30

JISC

HESA

1.

1

2

3

Research Excellence Framework REF

JISC
Councils

HEFCE

Research

JISC

2009 2011

2009 HEFCE

Research Management and Administration System RMAS

2.

JISC
Information in the UK EXRI-UK

Exchanging Research

1
Format CERIF

Common European Research Information

CERIF

2

CERIF

RDF

www.data.gov.uk

EXRI-UK

CERIF

CERIF

EuroCRIS

2010 1

EXRI-UK

3.

HEFCE

EXRI-UK

2010 2011

EXRI-UK

CERIF

EXRI-UK

JISC

1

CERIF

2

3

CERIF

<http://www.jisc.ac.uk/media/documents/publications/briefingpaper/2010/bpexriv1.pdf>

<http://www.jisc.ac.uk/publications/briefingpapers/2010/bpexriv1.aspx>

2011

2010 4

DHS

· Philip Reitinger

2011

NPPD

NCSD 2011

NCSD

3.78744

342

NCSD

US-CERT

LKXSeDfD)SŠD@q2ì•t ÁöW 0A3P0RS%Â@€Ã`Ê•U| sBY-Â“ Ígúci9,É +aH

1

2

DOD

NIST

NSA

3

CSSP

ICS-CERT

4

3.

2011

687.5

247.1

2011

1

NGA

SHSAC

2

NCSD

http://www.dhs.gov/ynews/testimony/testimony_1271447324095.shtm

2010

Future Combat Systems

Brigade Combat Team

Modernization

Joint Tactical Radio System
Warfighter Information Network

	2011	317
1	103	
2	55	
3	60	
4	17	
5	39	
6	43	

<http://defensesystems.com/Articles/2010/04/29/Army-Modernization-Strategy-2010.aspx?Page=1>

ICT

2010 3

ICT

ICT

1.

		2009	2	2010
9	30	72		
47		25		

	2015	1	2020
5		—	RFID M2M
			5
		1	2020
	5		

<http://www.jifang360.com/news/201049/n48985486.html>

信息化管理与创新

1.

1 66%

65%

2

3

4 LinkedIn Facebook Twitter

5

6

7

BBS

8

Facebook LinkedIn

2.

1

Web

2

3

4

5

6

"

"

2010 4 27

2009

1.

1 9408 78.0%

317 2.7%

2 60

3 76.8% 3.4%

2.1% 41.1%

4 739

30.3%

5 96.3% 87.2%

ETC

2. ICT

25.3%

29.4%

5.9% 7.6% 23.4%

3. ICT

20.0%

ASP

SaaS

4.5%

78.5%

2007

2008

67.5% 73.9%

19.0%

2007

10.8%

96.2%

4.

18

52.2%

2.4%

19.9%

http://www.soumu.go.jp/main_content/000064217.pdf

IPA

2010 4 15

IPA

ECU

1

2

3

IPA

1.

1

2

ECU

3

4

5

2.

1

2

3

<http://www.ipa.go.jp/about/press/20100415.html>

http://www.ipa.go.jp/security/fy21/reports/emb_car/documents/embsec_car2010.pdf

专家视点

Future Media Internet FMI

2010

4

25

FMI

FMI

3D

1.

3D

2.

3.

4.

5.

6.

http://www.future-internet.eu/fileadmin/documents/reports/FMI-TF-White_paper_042010.pdf

信息化技术与基础设施

24

50%

[http://www.hpcwire.com/topic/processors/MIT-Researchers-Develop-Software-for-Multicore-C](http://www.hpcwire.com/topic/processors/MIT-Researchers-Develop-Software-for-Multicore-Chips)

[hips-92102409.html?page=1](http://www.hpcwire.com/topic/processors/MIT-Researchers-Develop-Software-for-Multicore-Chips/hips-92102409.html?page=1)

2010 4 26
10

Web Science Trust

Web Science Trust Network of Laboratories WSTNet

WSTNet

WebSci

WSTNet

Web Science

http://www.innovations-report.com/html/reports/information_technology/global_network_web_science_laboratories_announced_153528.html

信息化应用与环境

NASA

NASA

NEX NASA Earth

Exchange

NEX

NASA

NASA

NEX

NASA

NEX

NEX

NEX

1.4PB

NASA

Ames

hyperwall-2

HECC

56832

NASA

NASA

<http://www.nasa.gov/centers/ames/news/releases/2010/10-33AR.html>

ICT

"

"

ICT

10

10

ICT

FuturICT

knowledge accelerator

10

ICT

14

1

100

2

3

http://www.innovations-report.com/html/reports/information_technology/1_billion_eur_unleash_power_information_a_153544.html

Cray

Cray

Foundation for Space Technology, Applications and Science FUNCATE

2

2010

National Institute for Space Research INPE

Cray XT6

INPE

Cray XT

Cray XT6

INPE

INPE

<http://www.hpcwire.com/industry/government/Cray-Wins-20M-Contract-with-Brazils-National-Institute-for-Space-Research-91710269.html>

EARTH

4G

950

4G

Energy Aware Radio and

Network Technologies EARTH

FP7

ICT

EARTH

http://cordis.europa.eu/fetch?CALLER=EN_NEWS&ACTION=D&SESSION=&RCN=32039

IPA 2010 10

IPA 120

1

2

3

4

5

6

7

DDoS

8

ID

9

10

http://www.ipa.go.jp/security/vuln/documents/10threats2010_press.pdf

HITRUST CSA

Health Information Trust Alliance HITRUST
Cloud Security Alliance CSA

CSA		Cloud Controls Matrix	CCM		
			PCI	HIPAA	ISO 27000
		HITRUST		Common Security	
Framework	CSF	CSF			
		CCM			
					HITRUST
CSA					

<http://www.hpcinthecloud.com/offthewire/HITRUST-and-Cloud-Security-Alliance-Collaboration-on-Cloud-Security-92184139.html?page=1>

内部刊物

主办：中国科学院信息化工作领导小组办公室 承办：中国科学院国家科学图书馆成都分馆

电话：010-68597584

电子邮件：liuyang@cashq.ac.cn

联系人：刘阳

中国科学院国家科学图书馆成都分馆

四川省成都市一环路南二段16号

邮编：610041

电话：028-85228846, 85223853

电子邮件：dengy@clas.ac.cn fjm@clas.ac.cn

联系人：邓勇 房俊民