IOP Publishing

IOP期刊的存档与数字保存
Archiving and Digital Preservation

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Why the need?

- **Back-up in case of disaster**

- **Perpetual access rights**

- **Ensure access to content following a 'trigger event'**

  - Long-term failure of publisher's website

  - Title ceases to be published and is removed from website

  - Title sold and new publisher does not host back data

What archives are out there?

- **Portico**

- **LOCKSS**

- **CLOCKSS**

- **Local Load**

- **IOP Business Continuity Plan**

Portico

- **IOP joined Portico in 2006**
- **More than 80 Publishers are members**
- **Initially IOP-owned journals included**
- **Approval now from virtually all publishing partners**
- **Includes historic archive back to 1874**
- **Dark archive provides access to libraries signed up to Portico after a trigger event**
- **Post cancellation access**
- **http://www.portico.org**

LOCKSS

- **Allows libraries to collect subscribed journal content and store locally**
- **Content locally cached by library**
- **Available only to that institution's users**
- **Technical work in 2010 to make IOP content available via LOCKSS**
- **Post cancellation access to subscribed journals**
- **http://www.lockss.org**

CLOCKSS

- **Controlled LOCKSS**

- **Joint venture between publishers and libraries**

- **IOP on board of directors and is a founding publisher**

- **Technical work to be done in 2010**

- **Dark archive provides free access to all after trigger event**

- **Services uses LOCKSS technology to store multiple copies of digital content in a distributed archive at sites across the globe**

- **http://www.clockss.org/**

Local Load

- **We offer options of local loading to all customers via the STACKS gateway (www.stacks.iop.org)**

- **Institutions come in and download the most up to date raw data as per their license agreements**

- **Data format is raw XML and pdfs for the end user to adapt and make user friendly**

- **In China we have put all archive data on a hard drive to ship. Moving forwards seeing that updates will be smaller in size, we may be able to do this electronically and is something we should consider.**

Business Continuity Programme

- **Disaster recovery plan should anything happen to our in-house servers**

- **Local Back-up site to load our software to continue electronic access to our customers**

- **Timescales put in place should such an event happen.**

- **Trials have been undertaken to recover the data at the back up site.**

Archiving initiatives

- **Please let us know if you have any questions about these or other archiving initiatives**
- **Thank you!**
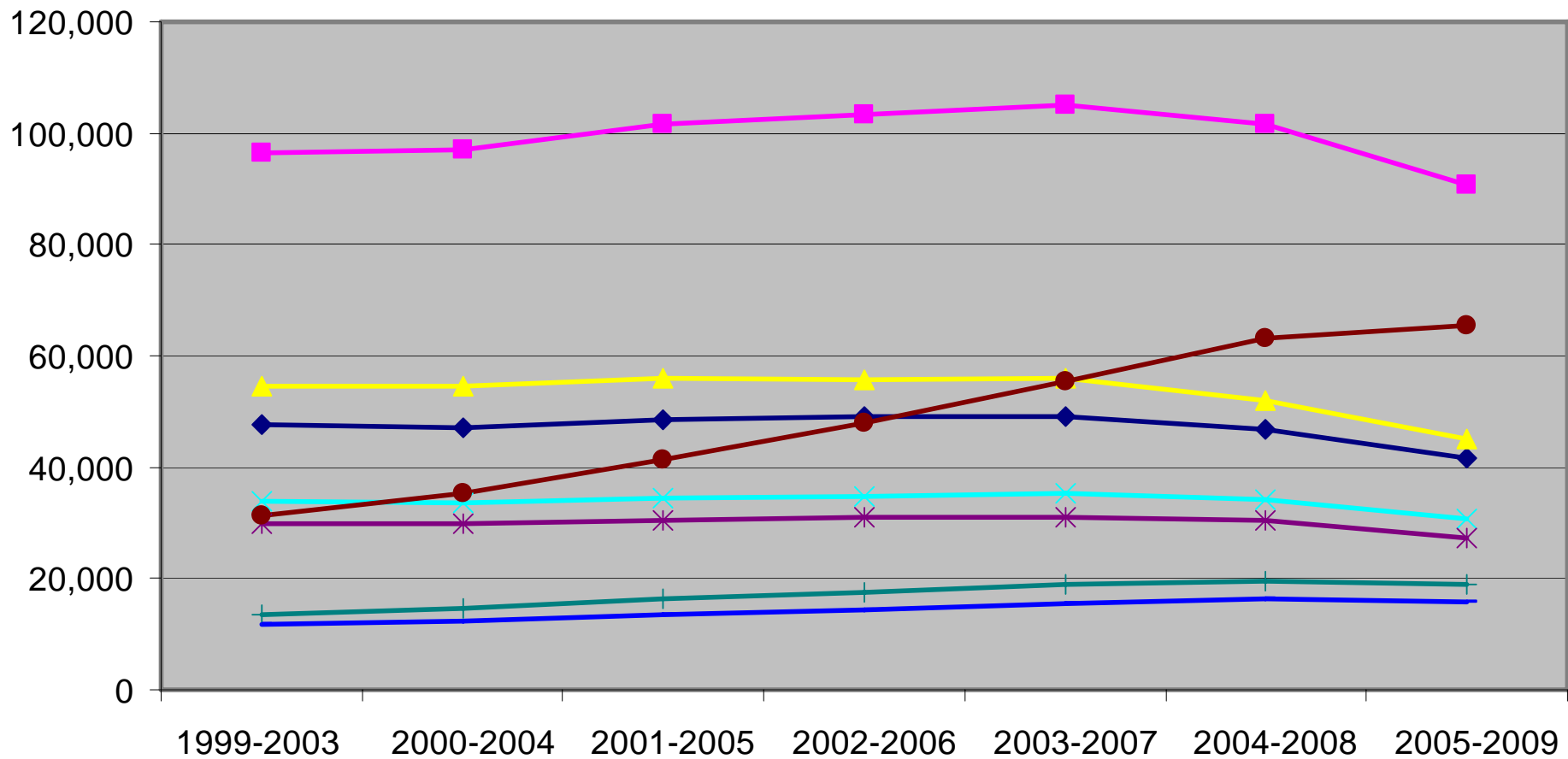
IOP(Institute of Physics)及其期刊

- 学会成立于1873年

- IOP全球范围内37,000多位会员

- 1874出版第一本出版物

  - Proceedings of the Physical Society
    of London

  - 136年的出版历史

IOP Publishing

Partner societies / publishers
出版如下学协会的期刊:

- 英国物理学会
- 中国物理学会
- 欧洲物理学会
- 德国物理学会
- 欧洲光学学会
- 国际计量局
- 伦敦数学学会
- 国际原子能机构
- 瑞典皇家科学院
- 放射保护学会
- 医学物理和工程学会
- 中科院等离子所和中国力学学会
- 意大利里雅斯特国际高级研究生院
- 俄罗斯科学院等

IOP Publishing

IOP期刊的学科覆盖范围

● 广泛的交叉学科:

● 天文学及天体物理学
● 生物学
● 化学
● 计算科学
● 教育学
● 工程学

● 材料学
● 数学
● 测量学
● 医学
● 纳米技术
● 物理学

IOP期刊来自中国的投稿量和接受量

IOP Publishing

IOP 2009 作者分布统计

Canada 3%
China 10%
France 4%
Germany 7%
Italy 4%
Japan 6%
ROW 28%
Russia 2%
Spain 3%
UK 7%
USA 26%
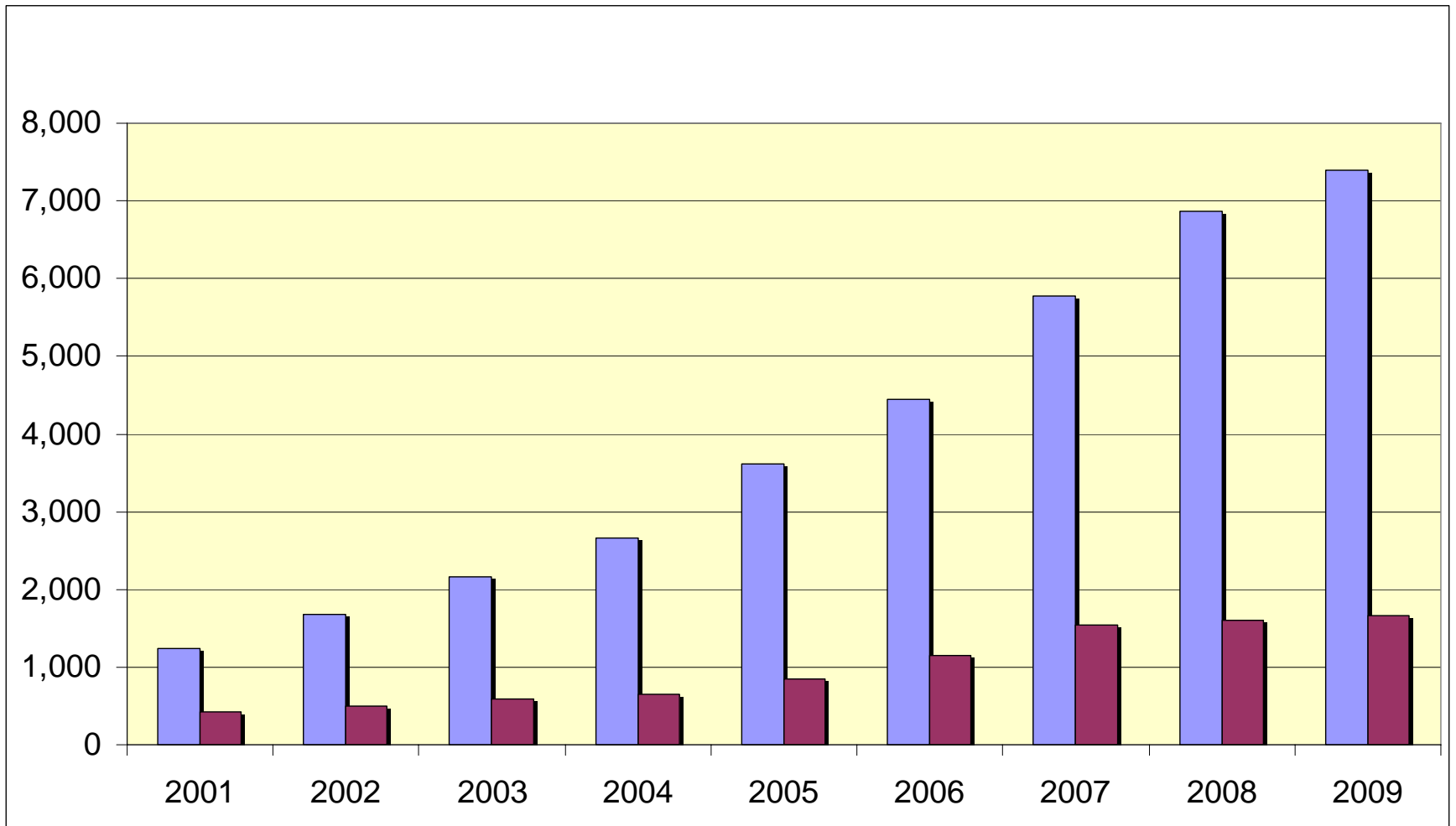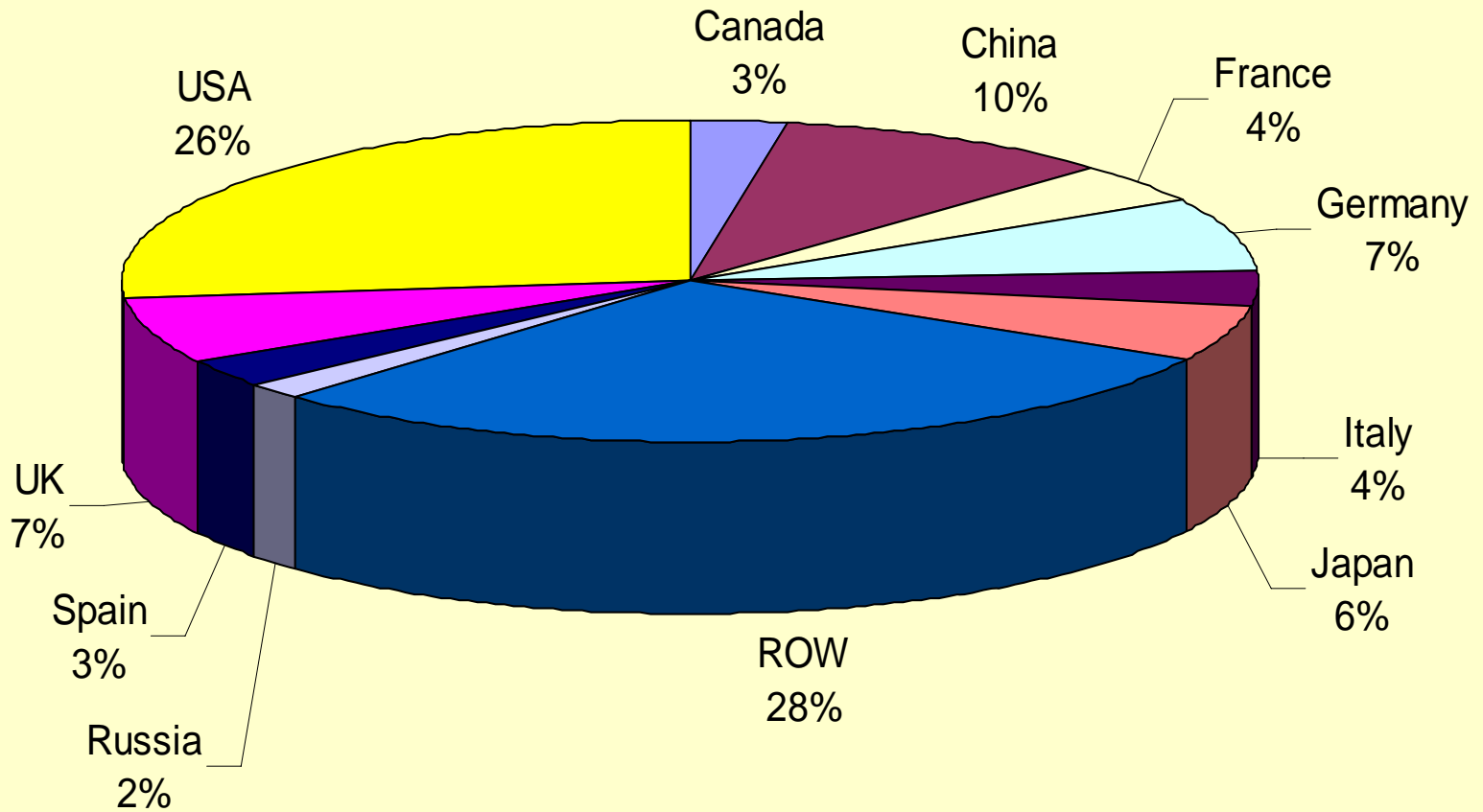
2009年IOP期刊下载量分析（按照国家地区）

France 3%
China 10%
Germany 7%
India 4%
Italy 2%
Japan 4%
N America 31%
ROW 28%
S Korea 4%
UK 7%
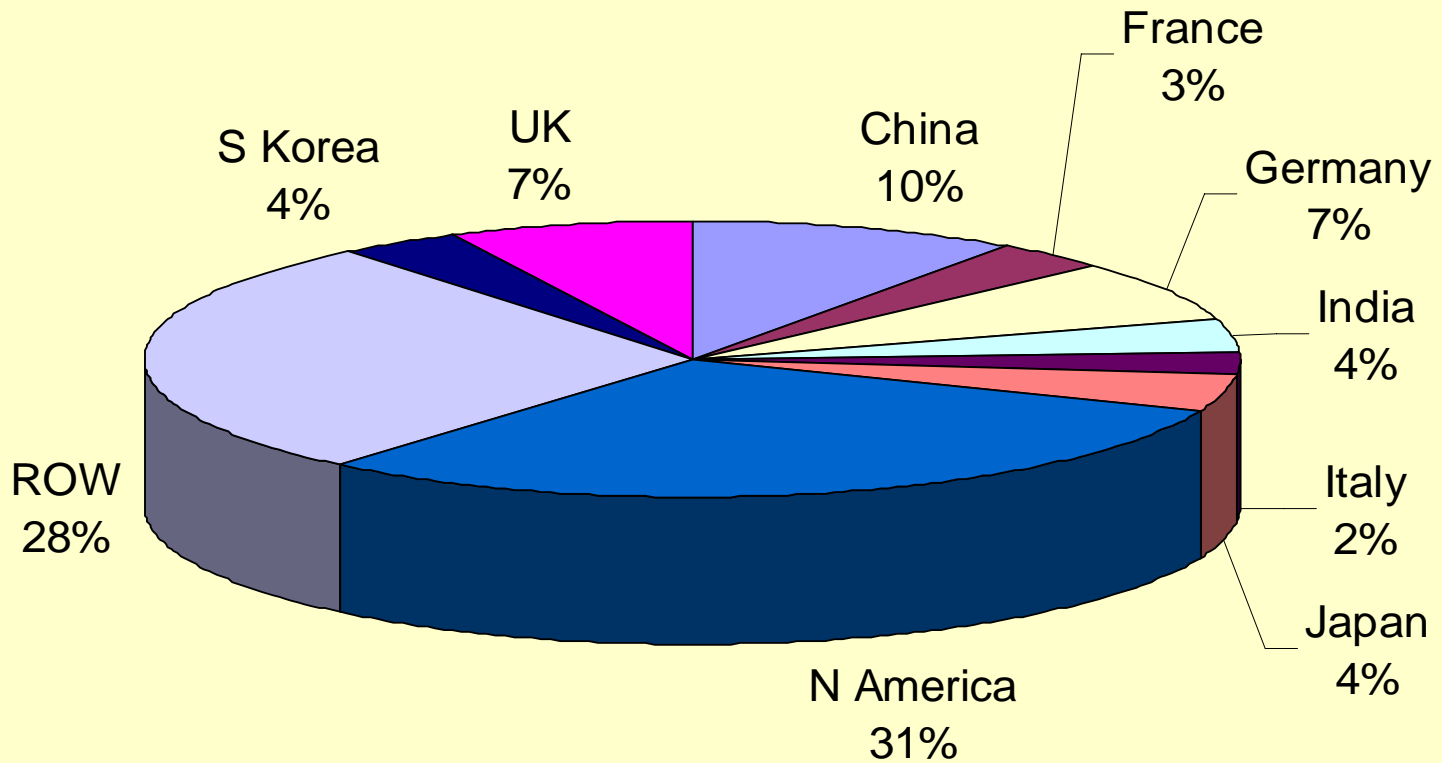
2009年中国高校向IOP期刊发表文章排名（前12所高校）

	CALIS成员发表论文排名	投稿数	发表数	发表率
1	清华大学	262	91	**35%**
2	北京大学	188	71	**38%**
3	浙江大学	187	67	**36%**
4	上海交通大学	226	59	**26%**
5	中国科技大学	198	54	**27%**
6	哈尔滨工业大学	207	48	**23%**
7	南京大学	190	47	**25%**
8	复旦大学	132	43	**33%**
9	大连理工大学	155	32	**21%**
10	华中科技大学	164	31	**19%**
11	中山大学	107	30	**28%**
12	兰州大学	116	25	**22%**

CALIS集团

- 2002年1月组团至今已经8年

- IOP集团现有70家CALIS成员

- 访问45种全文期刊（全部被SCI收录）

- 用户增加中......

- **http://iopscience.iop.org**

- 上机培训及座谈咨询会:
- 5月13日周四晚19: 30-20: 10
- 第一培训教室

- 谢谢大家!

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