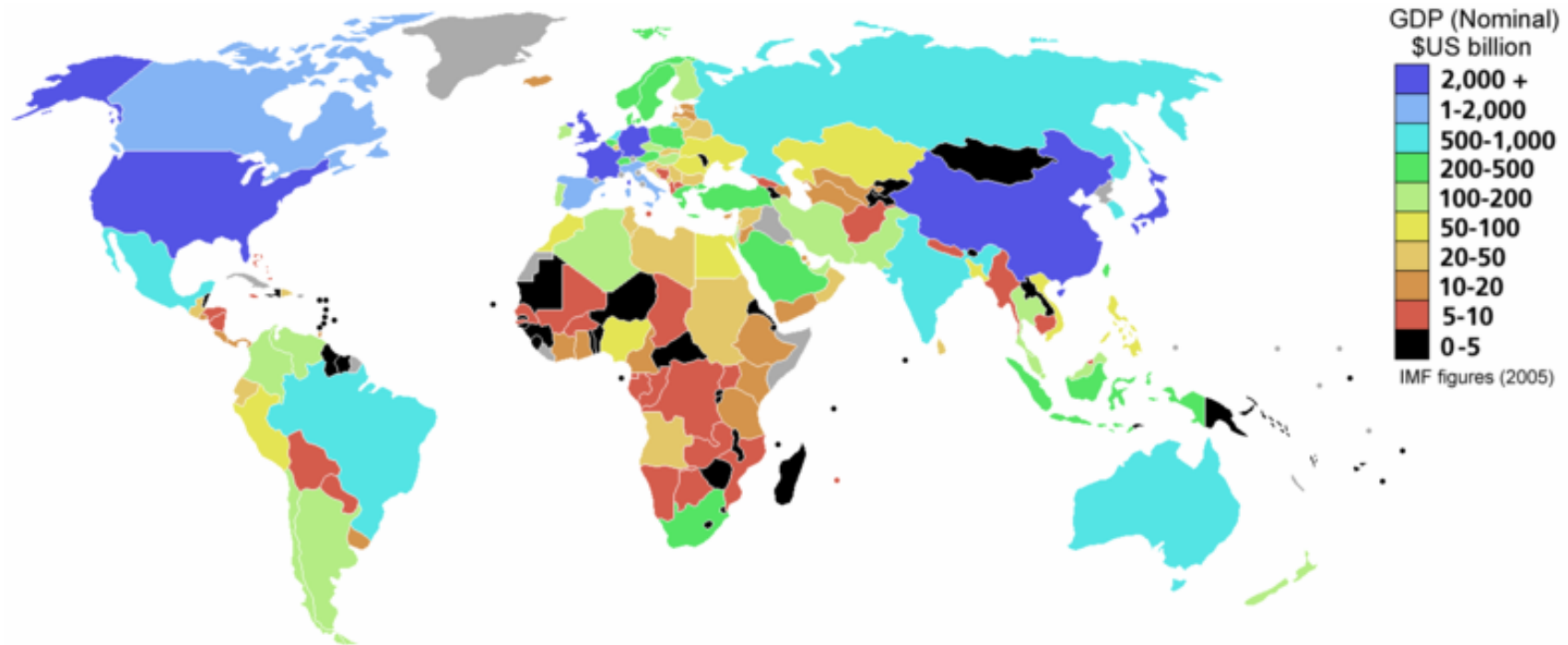


China: Survey of AIP Member Society Activities

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Presentation Overview

- **AIP Member Societies Survey**
(Mostly 2005 data gathered in 2006)
- **More Recent AIP Journal Data**
(for Example of Trends)
- **Questions**

10 Member Societies

~135,000 Members, ~30% outside U.S.

- **American Physical Society*** (44,884)
- **Optical Society of America** (9,065)
- **Acoustical Society of America*** (6,861)
- **The Society of Rheology*** (1,650)
- **American Association of Physics Teachers*** (9,430)
- **American Crystallographic Association** (2,298)
- **American Astronomical Society** (6,898)
- **American Association of Physicists in Medicine*** (5,399)
- **AVS: Science & Technology of Materials, Interfaces, and Processing*** (5,127)
- **American Geophysical Union** (43,723)



*Indicates all its major journals are on *Scitation*TM platform

US & Non-US Society Membership

Member Societies	US	Non-US	Total	%US	%Non-US
AVS The Science and Technology Society	3193	1124	4317	74	26
Acoustical Society of America	3986	1844	5830	68	32
American Association of Physicists in Medicine	4266	938	5204	82	18
American Association of Physics Teachers	8427	1211	9638	87	13
American Astronomical Society	6050	901	6951	87	13
American Crystallographic Association	1481	449	1930	77	23
American Geophysical Union	25061	13742	38803	65	35
American Physical Society	36098	9320	45418	79	21
Optical Society of America	6444	4593	11037	58	42
Society of Rheology	730	471	1201	61	39
Total for Member Societies	95736	34593	130329	73%	27%



Physics Today List of Eligible members March 2007

Summary of China Survey of Member Societies Jun-Sep 2006

- **Several Questions Were Asked**
- **They pertained to China,
related areas and other areas
for context**

Society Membership

Questions about your society membership in China/Hong Kong/Taiwan	Date of data	Total members of all kinds	% from Outside US	% from Mainland China	% from Hong Kong	% from Taiwan	% from Asia	% from Europe
AAPM	14-Jun-06	5,853	18	0.4	0.2	0.2	3	6
AAS	2006	6,929	20	0.4	0.4	0.8	13	9
AGU	2006	45,866	34	0.6	0.1	1.0	9.1	17
APS	2004	44,000	21	0.2	0.2	0.4	6	10
ASA	4/11/2006	7,154	31	2??	??	2.0	8	15
AVS	6/13/2006	4,024	21	1	2.7	5.5	8	8
OSA	June 06	14,000	40	1.8	0.5	1.3	14	18
Sum or Weighted Averages		127,826	28	<1	<1	0.9	8	13
AIP from PT Mailing List	Oct 06	135,051	27	0.5%	0.2	0.7	7	11

Data shows relatively low membership from China

Sample Society Meetings in US

Questions about your largest society meeting in last 12 months	Date of Meeting	Place of Meeting	Total Attendees or Registrants of all kinds	% Registrants from Outside US	% Registrants from Mainland China	% Registrants from Hong Kong	% Registrants from Taiwan	% Registrants from Asia	% Registrants from Europe
AAPM	July 24-28, 2005	Seattle WA	4,003	12	0.09	0.02	0.3	1.9	4
AAS	Jan 06	Washington DC	3,129	2	0	0	0.03	0.2	1
AGU	Dec 05	San Francisco	12,000	26	0.4	0.04	0.9	12	10
APS	March	Baltimore	7,400	20	0.3	0.04	1	7	8
ASA	10/5/2005	Providence	1,110	10	0.1	0.1	0.1	3	4
AVS	10/30-11/4/05	Boston MA	2,900	22	0.05	0.01	3.8	9	9
OSA	March 2006	CA	13,000	23	3	1	2	16	7
Weighted Average			6,220	20	1.1%	0.4	1.6	12	9

Data shows relatively low attendance from China

Society Meetings Outside US

Questions about any significant meetings your society held Outside US in last 12 months	Date of Meeting	Place of Meeting	Total Attendees or Registrants of all kinds	% from Outside US	% from Mainland China	% from Hong Kong	% from Taiwan	% from Asia	% from Europe
AGU	July 06	Beijing	1538	77	44	0.3	6	15	4
OSA	July 05	Tokyo	??	94	1	0	7	78	7

Data shows local attendance, but low otherwise

Article Submissions to Journals

Questions about annual submissions to your society journals from China/Hong Kong/Taiwan	Year of data	Number of Journals	Total submissions	% from Outside US	% from Mainland China	% from Hong Kong	% from Taiwan	% from Asia	% from Europe
AAPM	2005	1	754	51	2.7	0.1	0.5	13	23
AAS	2005	2	4,072	43	5.6	0	?	16	17
AGU	2006	16	9,964	56	6	0.6	1.3	19	?
APS	2005	8	28,533	75	9.9	0.65	1.3	26	38
ASA	2005	1	1,046	53	5.0	0.07	1.0	15	30
AVS	2005	2	1,398	65	6	0	10	41	16
OSA	2005	6	6,842	75	17	??	0.03	32	26
AIP	2005	10	21,049	75	14	1.1	3.6	39	27
Total & averages	Mostly 2005	46	73,658	70	11%	0.7	2	29	27

Data shows relatively high submissions from China

2006 activity even higher

Article Publication in Journals

Questions about annual published articles in your society journals from China/Hong Kong/Taiwan	Year of data	Number of Journals	Total articles published	% from Outside US	% from Mainland China	% from Hong Kong	% from Taiwan	% from Asia	% from Europe
AAPM	2005	1	375	45.3	0.8	0.3	0.8	7	23
AAS	2005	2	3,362	39	3.4	0	?	12	17
AGU	2006	16	5,066	49	3	0.2	1	12	12
APS	2005	8	17,842	71	4.6	0.61	1	18	44
ASA	2005	1	591	47	2.0	0.03	0.0	7	15
AVS	2005	2	936	59	3	0	7	38	15
OSA	2005	6	3,876	70	8	??	2.84	15	30.52
AIP	2005	10	13,789	69	4.7	0.2	4.8	28	34
Total & averages	mostly 2005	46	45,837	57	4.6%	0.4	2.3	20	32
Acceptance rates	mostly 2005		62%	50%	27%	31%	65%	43%	74%

Data shows China has half average acceptance rate

Acceptance rate may be tending downward in 2006

AIP Journals (journals.aip.org)

1. Applied Physics Letters
 2. Chaos: An Interdisciplinary Journal of Nonlinear Science
 3. Journal of Applied Physics
 4. The Journal of Chemical Physics
 5. Journal of Mathematical Physics
 6. Physics of Fluids
 7. Physics of Plasmas
 8. Review of Scientific Instruments
 9. Biomicrofluidics - An AIP [Open] Access X-Press Journal (online only)
- Journal of Physical and Chemical Reference Data
 - jointly with NIST
 - Low Temperature Physics- a translation journal



**Will
submissions
from China
surpass
those for US
in 2007?**

Applied Physics Letters

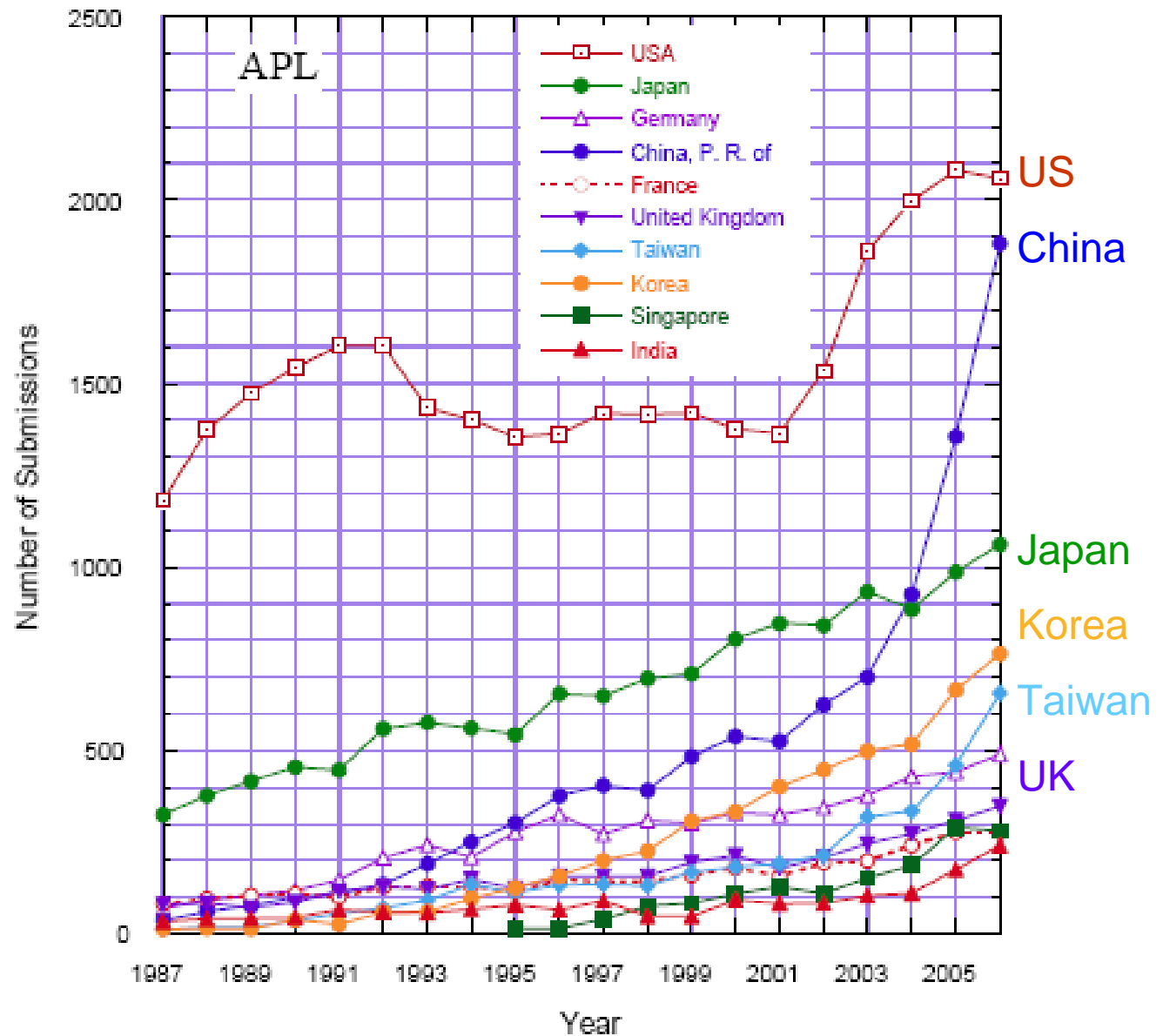


Figure L1. Changes in the number of submissions from the top 10 countries since 1987.

China & AIP Journals (2006)

- **14.7% of Submissions**
 - 2nd only to US and growing rapidly
 - Almost #1 for APL & JAP
- **6.8% of Published Articles**
 - 4th behind US, Japan & Taiwan Province
- **5.4% of Subscription Revenue**
 - 4th behind US, Japan & Germany
- **14.0% of Downloads**
 - 2nd only to US by Megabytes or articles

Some GDP Numbers for China

- **13% of World GDP in 2005**
 - 2nd only to US
 - US is comparable to EU as a whole
- **15% of World GDP in 2006 (est)**
 - US & EU shares fell to 20% from 21%

Thank You

Any Questions?

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