

Some Strategic Issues for the Future of Journal Publishing

Marc H. Brodsky
American Institute of Physics
Executive Director and CEO



Melville, NY
Publishing Center



College Park, MD
Headquarters



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Presentation Overview

- AIP Perspective
- Selected Issues and Views
- Summary Remarks
- Questions from Audience



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AIP Mission

- Advance & diffuse knowledge of physics & its applications to human welfare
- Journal publishing is large part of mission
- Publishing services is large part of mission
- AIP also provides outreach programs and services:
education, career, public information, government relations, industry, statistical surveys, and history
- AIP is federation of 10 Member Societies



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Many Issues for Journal Publishers

- **Open Access**
- Institutional repositories
- Pre-print and post-print servers
- Intervention by Governments and Others
- **Affordability by Libraries**
- Reduced costs of composition
- Technology-drive Opportunities
- Increased costs of technology
- Commercial Publishers
- The Big Deal
- Consortia
- Single article sales
- Tier Pricing
- Usage Patterns Changing
- Citation and Usage statistics
- Archiving
- Abusive Use
- **Intellectual Property**
- Author rights and copyright transfer
- Licensing conditions
- Globalization of Authors and Subscribers
- Timing of known changes
- Future of Print
- Proliferation of Titles
- Searching and intermediaries
- Google
- CrossRef
- Virtual Journals
- Data and articles
- Ethics
- Integrity of published works
- Etc.



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Selected Issues (1)

- **Affordability by Libraries**
 - Libraries want more than they can afford
 - Leads to cancellations & pricing death spiral
 - Opt-out choices also lead to cancellations
 - Exacerbated by new fields, new niche titles
- **What is AIP Doing?**
 - Wide spectrum of offerings
 - No subscription charges for niche titles
 - Virtual journals
 - [Open] Access X-Press JournalsSM



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Selected Issues (2)

- **Open Access**
 - Defined by free to all users
 - Driven by
 - Libraries
 - Ideology
 - Technology
 - Mandates of Funding agencies



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Selected Issues (2- Continued)

▪ Open Access (Continued)

- Funding varies
 - Author (often author's funding source)
 - Sponsors (unstable)
 - Publisher (but not forever)
- Has many forms: some examples follow



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Selected Issues (2- Continued)

▪ Open Access (Continued)

- Open Access Examples
 - Online only journals: PLOS, Optics Express, Access X-Press, PR Special Topics,...
 - Pre-print and post-print servers: ArXiv,...
 - Author Pays OA options for existing journals: PNAS, Springer, OUP, AIP, Elsevier, (Many more to come), ...
 - Institutional Repositories: ADS,...
 - Grants: PLOS, ADS, PR Special Topics,...
 - Others: (The world is imaginative)



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Selected Issues (2- Continued)

▪ Open Access (Continued)

- Open Access is a trend to be reckoned with
- Even though it may not survive in long run

▪ What is AIP Doing?

- Author Select™ options in all journals
- New AIP OA journals: Access X-Press series
- Offering technology to Scitation™ publishers



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Selected Issues (3)

- **Intellectual Property**
 - **Challenges to IP on many fronts**
 - DocDel, "ILL" services ignoring copyright
 - Legislation undermining copyright protection
 - Open Access Mandates
- **What is AIP Doing?**
 - **Negotiating (not easy!)**
 - **Pursuing legislative remedies (competitive!)**
 - **Litigating (not fun!)**



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Summary Remarks

- **Web is the Driver**
 - **Changes still coming**
 - **Opportunities unbounded**
 - **Challenges also unbounded**
- **Cannot do everything**
 - **Budgets are not unbounded**
 - **Publishers pick and choose**



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Thank You

Any Questions?

www.aip.org
www.scitation.org
brodsky@aip.org



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