Web 2.0 and Medical Physics

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What is Web 2.0?

- O’Reilly Media 2004
  - Name of a conference
  - No version number
  - Life Software
- No clear definition
- New Way using the Internet
  - Web browser
- Users add value (co-developers)

From:
http://www.oreilly.de/artikel/web20.html
Applications and Services

Online shopping and auction website

- eBay
  - Sell or buy
  - Hardware
  - Software
  - Machines
  - Parts
Applications and Services

Encyclopaedias

Wikipedia
- Participation
- Different Languages
- Picture and photo sharing
Applications and Services

Mailing Lists

- Mail program or Browser
- Database
- User Groups
  - Regional
  - Applicational
  - Manufactural
  - ...

The AAPM Mailing Lists
The AAPM supports a number of official mailing lists for announcements, solicitation of member feedback and other AAPM business. You are automatically subscribed to the mailing list if you are an AAPM member and have your email address on file in the membership directory. The contact for posting to this list is the AAPM's lobbyist, Michael Weisend. The AAPM also supports a number of closed discussion groups and working group lists.

A number of AAPM Regional Chapters also have their own mailing lists, some hosted by the AAPM, others hosted elsewhere. Some are moderated lists and others are not, depending on the chapter's mode of operating the list. Contact the Chapter President for the details of a given list.

Members of the American medical physics community seeking a national two-way list to discuss organizational or technical issues may use MedPhysUSA without regard to membership in any particular organization.

Diagnostic Imaging Medical Physicists List (DIAGIMEDPHYS)
To subscribe, simply send the following text in the body of a message (not subject) to listserv@hermes.gov. edu:

subscribe Name-of-the-list First-Name Last-Name
example: subscribe DIAGIMEDPHYS John Doe

Please note that your message cannot contain any other text, such as your signature file. Any other text is interpreted as a command; the LISTSERV server will return errors.

The American Medical Physics Mailing List (MedPhysUSA)
MedPhysUSA provides an unmoderated two-way forum for issues that have limited interest outside of the USA and that would be inappropriate or inconvenient to send to physicists worldwide via Global MedPhys. Topics may include government reimbursement, state and federal regs, certifying boards, job postings, local and regional meeting announcements, etc. However, anyone, regardless of location, is welcome to subscribe. Global MedPhys and MedPhysUSA subscriptions are completely independent of each other even though they come from the same listserver. You subscribe via the website or by sending email with the text:

subscribe MedPhysUSA first-name last-name
without punctuation, degrees, certifications, military rank, etc. to listserv@lists.wayne.edu

For example send subscribe MedPhysUSA John Doe to the LISTSERV address from the email address where you wish to receive the email.

The subject field is unimportant, only the text of the message is read by the ListServ software.

Subscription options and list archives are available at lists.wayne.edu/archives/medphysusa.html.

The Global Medical Physics Mailing List (MedPhys)

http://www.aapm.org/links/medphys/
Applications and Services
Web Forums

- http://www.medphysfiles.com
- http://www.advancedphysics.org/forum/
- http://www.radiotherapy.com/
  - PW: fletcher
- http://www.otp-usergroup.de/forum/
Applications and Services

Journals

- Online is not sufficient
- Peer Review
  - Filter
  - Open peer review
- Nature Trial 2006
  - Open Website
  - User Comments
  - Only 5% of Authors agreed
  - Less than half of them got comments
Applications and Services

Others

- Blogs
  - http://penscience.wordpress.com/
- Online Bookmark Collections
  - http://delicious.com
  - Tagging
- Foto Sharing Services
  - Tagging
  - Licenses
- Video Sharing Services
  - Interviews
  - Documentations
  - Teaching Videos, Lectures
  - Product Presentations
Usage

- Ebay
  - USA
- Wikipedia
- Mailing Lists
- Bookmark Collections
- Foto- and Video sharing
- Forums
- Blogs
- Journals
Discussion

• All well accepted applications are not dedicated to medical physics.
• Some applications are hard to find.
• Forums:
  – For many web forums there are competing mailing lists.
  – For some web forums the target group might be too small.
  – Regular user meetings and service support might help in many cases.
• Blogs:
  – Time consuming
  – Enjoyment? ¹
• Journals
  – There is no Web 2.0 journal.
  – Fear for losing results to a competitor.

Conclusion

- Improvement of keywords in the header of Websites.
- There is still the chance for more offers.