

**Joint Physical Acoustics and Biomedical Ultrasound/Bioresponse to Vibration
Technical Committee Meeting
Nov 11, 2008
Miami, Florida**

1. Meeting Attendance List

Due to the small expected meeting size and limited number of BB sessions, PA and BB held a joint TC meeting on Tuesday night. About 60-70 in attendance. First time attendees introduced themselves.

2. Google Mail List

A sign up sheet for the mail list was passed around and the attendees were informed that they could join the BB email list by sending an email to ASA_BBTC-subscribe@googlegroups.com

This is a separate email list from that maintained by the ASA.

3. Nov 10-14, 2008 Miami, FL

Thanks to:

Co-sponsored special sessions with PA, EA and SP
BB session chairs: Michael Oelze and Tyrone Porter

Congratulations to:

New President

Mark Hamilton

New VP

Vic Sparrow

Jefferson Fellow

Steve Garret

New Fellows

Arman Sarvazyan

Silver Medal in Physical Acoustics

Peter Westervelt

Thanks to:

TPOM representative

Saurabh Datta

BB Chair

Mike Bailey (outgoing)

Membership Committee

Christy Holland

Student Council Rep

Lucie Somaglino

ASACOS

Peter Kaczkowski

BIROW rep

Paul Barbone (outgoing) and Subha Maruvuda (incoming)

Web coordinator

Shira Broschat - (<http://moab.eecs.wsu.edu/~shira/asa/bubv.html>)

Medals and Awards
Lawrence Crum
BB Associate Editors
Charles Church, Floyd Dunn, and Doug Miller

Comments about the meeting? There were no comments.

4. Student Council Report

Mike Canney, the Student Council President, announced that there are plans to have a grant-writing workshop for Portland. Information will likely be posted on student web site.

5. May 18-22, 2009 Portland, OR

Special Sessions (these are finalized)

[Image enhancement and targeted drug and gene delivery](#)

Azzdine Ammi and Saurabh Datta

[Biomedical applications of standing waves](#)

Armen Sarvazyan

[Medical ultrasound imaging with high frequency and/or contrast agents](#)

John Allen and Jonathan Lindner

[Shock wave therapy](#)

Michael Bailey and Thomas Matula

[Metrology and calibration of high intensity focused ultrasound](#)

Peter Kaczkowski

[Biomedical applications of acoustic radiation force](#)

Mostafa Fatemi

and co-sponsored sessions with Noise and Physical Acoustics

TPOM reps (Jan 30-31): Azzdine Ammi and Peter Kaczkowski

6. October 26-30, 2009 San Antonio, TX

Planned Special Sessions (still a small window to submit sessions):

[Molecular ultrasound imaging](#)

Stanislav Emelianov

[Multiple scattering of waves: From theory to application](#)

Guillaume Haiat and Purnima Ratilal

Planned BB Co-sponsored Sessions:

[Light and sound in science and engineering](#)

Ron Roy and Joel Mobley

[40th anniversary of the KZK equation](#)
Vera Khokhlova and Mark Hamilton

[Structural acoustics in biological media](#)

TPOM rep: Mark Wochner (tentative)

7. April 19-23, 2010 Baltimore, MD

Tentative Special Sessions (additional suggestion are welcome):

[Doppler applications in medical ultrasound](#)
Jonathan Mamou and Michael Oelze

[Ultrasound induced cellular bioeffects](#)
Carr Everbach and Stu Mitchell

TPOM rep: Subha Maruvada

Nov 15-19, 2010 Cancun

Tentative Special Sessions (additional suggestion are welcome):

[Acoustic propagation in the brain, imaging and therapy for traumatic brain injury](#)
Steve Kargl and Tom Matula

[Biomedical applications of time reversal acoustics](#)
Armen Sarvazyan and Matthias Fink

8. Potential Future Meetings Abroad

Attendees were asked about their interest in attending joint conferences in foreign countries. At this time, there are no scheduled meetings outside of North America.

The following locations were proposed and the % interest is indicated.

India (Madras, Fall 2012?) (10%)
China (Beijing or Shanghai) (10%)
Hong Kong (10%)
Singapore (10%)

Interest appeared fairly low. When asked about having another conference in Europe, about 60% of the attendees said they would be interested.

A general discussion followed about the wisdom of scheduling foreign meetings. There were many comments against scheduling foreign meetings because of cost, restrictions on foreign travel imposed by funding agencies, visa issues, difficulty for advisors to send many students, and disruption of classes for students because of the long travel times. In favor of foreign conferences, it was pointed out that science is becoming more global and the ASA is

motivated to arrange foreign meetings in order to encourage and accommodate our foreign members. In addition, many competing societies host regular foreign meetings and it is important for the ASA to appear inclusive and to maintain visibility.

9. Student Paper Award

PA and BB proposed a new model for student paper competitions in order to simplify judging and to make judging more uniform. (Each TC will have its own award.) The new model will require that a student present an oral paper AND a poster in order to be considered for the student paper award. The poster will be the basis of the judging and there will be 5-8 judges that evaluate the posters and then meet to discuss the ranking of the posters. The poster session will be listed in the official program and will be open to all conference attendees.

The goal is to provide a more uniform means of judging and to permit more direct interaction between the students and judges. There will be a bit more work for students who choose to enter the student paper competition, but the judging should become less random and the students should find the comments and discussion during their poster defense useful. BB will implement the method of awarding the student paper award in Baltimore because it is too late to modify the call for papers in Portland.

10. POMA (Proceedings on Meetings of Acoustics)

You are encouraged to submit papers to POMA for any ASA or ASA sponsored meeting. As soon as a conference abstract is accepted, you can submit to POMA. The POMA fees for Miami and Portland have been waived.

11. NIH Manuscript Submission System

NIH requires submission to Manuscript Central of accepted peer-reviewed manuscripts related to NIH funded work. Please indicate that AIP will provide a manuscript when you submit to Manuscript Central instead of submitting your final draft. AIP would like to avoid the current potential problem of two versions of the same paper: one on PubMed and one in the actual journal.

12. Hot Topics for Short News Stories

The ASA is looking for interesting acoustical work to profile in short news reports that appear on local news or captive news feeds on buses, delis, etc. This is a news feed called Discoveries and Breakthroughs in Science. Andy Piacsek can give you more information if you would like to know more.

13. Audience Survey Related to Publications

A series of questions were asked to the attendees:

Do you regularly look at Acoustics Today? 70% yes

Do you regularly look at Echoes? 70% yes

Do you like having paper copies of these publications? 60% yes

Would you like the option to receive these publications electronically with only an email reminder & URL to indicate a new issue is available? 3% yes

14. Innovation Proposals

ASA has issued a call for proposals for up to \$10k to bring innovation to meetings
600 words max + budget

Submission deadline – Dec 15th
Decisions for funding by – Feb 1st

Vic Sparrow and Carr Everbach are members of the Ad Hoc committee

No specific ideas from BB or PA were proposed during the meeting.

Please keep me posted if you decide to submit. Proposals do not need to be pre-approved, but I should at least be aware of anything sent by members of BB. More information is available via the main ASA web page <http://asa.aip.org/>.

15. ASACOS (Standards)

Rich Raspet, the PA standards rep, reminded the attendees that they can receive up to 4 free standards each year. This is done online using a code that normally gets emailed to all ASA members.

Peter Kacskowski is the BB standards rep, but will likely only make it to one meeting a year. If anyone is interesting in sharing ASACOS responsibilities with Peter, please contact one of us.

Several regular ASA attendees are “experts” affiliated with AIUM and it was suggested that they also become ASA “experts” in order for ASA to have the opportunity to provide input to standards. Most ultrasound standards are handled by IEC working groups using a collection of “experts”. Medical ultrasound standards and acoustic characterization of HIFU devices look to be some of the main areas related to BB.

16. Membership/Fellowship

Members were asked to suggest candidates for fellowship. BB has a Fellowship Committee composed of the current and past two chairs who review a list of non-fellow ASA members listing BB as their primary or secondary interest. This list is not foolproof and it is useful for members to offer their own suggestions.

17. BIROW (Jan 2009 meeting has been postponed)

Thanks to Paul Barbone for acting as the ASA rep these past few years.
Subha Maruvada will be stepping in as the new ASA Rep.

“A workshop to identify and explore new opportunities for basic science research and engineering development in biomedical imaging, as well as related diagnosis and therapy. The workshop will provide information and ideas for new investigators, support accelerated development of biomedical imaging as a scientific discipline, and facilitate coordinated imaging research.”

The BBTC recognizes the responsibility and opportunity here to keep NIH aware of the importance and challenges of research in medical ultrasound. Others are encouraged to attend and present at the meetings. We will try to coordinate our effort with AIUM and RSNA. <http://birow.org>

17. Web site

You are welcome to submit links to your lab web sites.

The BB website now has a means to quickly subscribe to the BB Google mail list. If you are getting these minutes, you are already on the mail list.

18. Other business

An Inter-Societies Activities Committee has been formed to assist in coordinating initiatives with other societies. The committee will meet once each year. The focus of the committee will be: 1. Bring in new technical initiatives and new participants and 2. share experiences and ideas between societies. If you would like to know more or have ideas, please contact Courtney Burroughs.

Phil Marston pointed out that the Wikipedia page for acoustics did not have a link to the ASA. It appears that someone in the audience went ahead and added a link to the ASA on Nov 12. Thank you to whoever that was.

19. Adjourn

Minutes are available at: <http://moab.eecs.wsu.edu/~shira/asa/bubv.html>

Jeff Ketterling
Chair of Biomedical Ultrasound/Bioresponse to Vibration