

Biomedical Ultrasound/Bioresponse to Vibration Technical Committee of the  
Acoustical Society of America  
Technical Committee Meeting  
June 7, 2007  
Salt Lake City UT

Meeting called to order at 7:40pm.

Prof. Philippe Blanc-Benon, technical chair of the Paris 08 meeting was in attendance so the Paris meeting was the first order of business.

**6. Paris, France. Jun 30-July 4 2008 (joint with EAA)**

**NEED volunteer to collect a short list of BB people to present on Time Reversal send list to me and Dave Chambers  
NEED from each special session chair list of 5 presenters who will be in your session. Send to me by Jun 30 please. No list, they will cut your session.**

Special sessions: (\* Indicates a session added by the French Society. I intend to have these run just before our similar sessions. In the descriptive sentences I have tried to separate the similar sessions as indicated by ().)

Light and Sound Ron Roy, Emmanuel Bossy

Transducers for imaging and therapy- Jeff Ketterling, Marc Lethiecq

\* Ultrasound Contrast agents for imaging- Bouakaz, Church (descriptive sentence describes this session as providing "imaging")

Ultrasound Contrast agents for therapy - Tyrone Porter, Eleanor Stride (therapy)

\*HIFU- Chapelon Crum (clinical)

HIFU Metrology and standards - Peter Kaczkowski, Gail ter Haar (metrology)

\*Theoretical and computational models of ultrasonic propagation in bone - Padilla, Wear (theory)

Ultrasound characterization of bone Jim Miller Pascal Laugier (measurement)

Shock waves in medicine Robin Cleveland, Oleg Sapozhnikov

Quantitative methods for ultrasound diagnosis and therapy. Mamou, Berger

Topical meeting on Time-Reversal Applications Dave Chambers, Claire Prada  
**NEED someone to effectively be the BB chair of this meeting and coordinate with Dave.** Mickael Tanter has volunteered to be the European co-chair of this sub-session on Biomedical TR.

TPOM Rep: Neil Owen E Bossy (Jeff Ketterling back-up)

Abstracts due Jan 10 2008

Notified of acceptance Jan 21

Feb 15-16 2008 TPOM in Paris

Feb 18 end early registration (an author must register for each paper and pay a fee by the end of early registration to complete acceptance of the oral paper or poster).

**These numbers are estimates for early registration but the process is fixed.**

**450 euros registration (includes one oral paper/poster)**

**200 euros student registration (includes one oral paper/poster)**

**300 euros for each additional paper**

**There is no break for invited speakers. All pay the same.**

**Max 3 oral papers/posters total with the same first author.**

**An author can present more than one invited talk but is expected to pay for both.**

I will request a little extra travel support from ASA for special cases.

There is little concern about posters.

Optional proceedings paper due Apr 30 2008

**Sessions can be anything from 5 talks to 1-2 days. Super big sessions like the Topical meeting can get up to 2 40 min talks. Otherwise all talks are 20 min.**

**All sessions will have contributed papers and invited papers as with ASA meetings.**

**BY June 30 2007. special session chairs must assure the organizers that they will have atleast 5 talks in their session.**

**Then they will list your session in the call for papers**

The reason for charging for every paper presented is that hotels do not charge the society as much as conference centers because the hotels make money on the guest rooms. Paris 08 is at a conference center. Philippe Blanc-Benon stated also that the "EAA wants to avoid sessions organized by one author with the contribution of himself and the people of his own research team, and nobody shows up at the session." **At least 3 in attendance were very upset by the plan to charge per paper.** If this fee policy is a real hindrance to your travel plans please let me know, I can use the info to try to get some funding from ASA say to support a speakers second invited talk, etc.

**REQUEST possible Paris plenary speaker: BBTC suggested Cathignol, Lauterborne, Gail ter Haar.**

After the Paris discussion we returned to the meeting schedule.  
*28 were in attendance including 6 who introduced themselves as new members.*

Sarah Gourlie  
Christopher Ham  
Todd Krueger, Washington Univ.  
Adam Bauer, Washington Univ.  
Jose Sanchez,  
Fredrik Gran

## **1. SLC June 2007**

Congrats to  
New Fellows (Bailey, Barbone, Mast)  
Lindsay – Houser  
Silver Medal – Carstensen  
President Mark Hamilton

Student Award  
1<sup>st</sup>. Matthew Urban  
2<sup>nd</sup> Jose Sanchez

**\*\*\*PLEASE nominate others for fellowship, Rossing teaching award, student mentor award, ASA writing award,**

For this meeting  
Thanks to  
TPOM representative -- Bailey

Special sessions:  
Coded signals and compression – [Jonathan Mamou](#) /Michael Oelze  
Biomedical Applications of Acoustic Radiation Force Mostafa Fatemi  
Modeling Acoustic Cavitation in vivo –Gracewski and Dalecki

Session Chairs  
Mark Wochner  
Carr Everbach

Bruno Durning  
John Allen

### **Comments about the meeting?**

The ASA tends to promote postdocs and new faculty to chair sessions. It was proposed that the BBTC give new chairs more guidance in preparing for this role. The ASA does mail chairs written instructions. However, the BBTC can also provide some guidance when chairs are selected. Please anyone interested in being a session chair but wanting some more info please contact me. It was proposed that before chairing folks be given the chance to shadow a chair. If interested, we can work this out. Again, contact me, Mike Bailey.

## **2. General Thanks**

Web coordinator

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

Medals and Awards

Lawrence Crum

Please send Larry suggestions and nomination letters

Membership + more

Carr Everbach, Tony Brammer

Please send Carr and Tony Brammer suggestions and nominations for fellows

**Be a Full Member, keep your membership up to date and accurate**

ASACOS – Carr Everbach

## **5. New Orleans Nov 27 –Dec 1 2007 (Tues-Sat)**

Charlie Church volunteered to be the BB TPOM Rep. Thank you Charlie.

**\*\*\*NEED volunteers to chair contributed paper session in New Orleans. Please send me and Charlie ('cchurch@olemiss.edu') an email before Aug 10 to volunteer.**

Special sessions:

Acoustic radiation force - Fatemi

Topical meeting on Tissue-response to acoustics and vibrations – Tyrone Porter,

Stable Cavitation –Constantin Coussios will be listed in the call for papers, but my mistake. **We are still looking for someone to organize and chair this session. Please email me ASAP if interested.**

Abstracts due Jul 23 2007  
August 10-11 2007 TPOM in New Orleans

## **6. Miami 2008 meeting (mid Nov)**

Tentative special sessions:  
Acoustic radiation force – Fatemi  
Stable Cavitation –Constantin Coussios, Glynn Holt

## **6. Other Meetings**

Spring 09 Portland OR  
Fall 09 Washington DC?  
ISNA Jul 7-10 2008 Sweden Immediately following the Paris 08 meeting

## **7. Student Council**

Mike Canney Elected President of Student Council.  
We will elect a new BB student council rep at the TC meeting of the New Orleans meeting. Person will start in Paris for a 3 year term.  
**Please send nominees names, CV, and a commitment from the advisor to support the students travel for 6 meetings to me and Mike Canney ([mcanney@u.washington.edu](mailto:mcanney@u.washington.edu)) by Oct 15, 2007.** ASA provides \$500 travel support for each meeting.  
In the past we have had trouble finding volunteers. Please volunteer. In the event several volunteer, a nominating committee will decide on 3 nominees who all in attendance at the TC in New Orleans will vote on.  
The nominating committee will include former SC reps and chairs of recent sessions that included students. The tentative committee is Mike Canney, Tyrone Porter, Neil Owen, Jeff Ketterling (chair), and Constantin Coussios.

## **8. Student Council Report**

There will be a fellowship/grant writing workshop at the New Orleans meeting. Please use the student council website.

## **9. BBTC Chair**

We will elect a new chair at the Paris meeting. We will follow a procedure similar to that outlined above for the student council rep.  
Tentative nominating committee of former TC chairs and Executive council members  
Mike Bailey, Robin Cleveland, Carr Everbach, Ron Roy, and Christy Holland.  
Nominations will be due with just an email saying you are interested before the Paris meeting.

## **9. Student paper award every spring meeting**

### **Rules**

Details are listed in the spring call for papers

Up to 12 months after graduation

Student must present the paper and be first author

Student must submit power point to the ASA papercopying website

\$300 1<sup>st</sup>, \$200 2<sup>nd</sup>

students can win more than once

students must sign up when submitting an abstract to the conference

**Change** OR contact the BBTC chair and request to be considered for the award anytime before the presentation. Students can even request being scored at the beginning of their talk. Chair reserves the right to refuse if in his/her judgment there is not sufficient time to add the student or insufficient scorers for these late requests.

**STUDENTS PLEASE introduce your talk as a student talk.**

## **10. Proceedings of Meetings on Acoustics (POMA)**

Will move forward. BBTC supported it 3 to 1. The BBTC expressed some concern over the lack of peer review. The new name separates it from JASA and the ASA which was desired by BBTC. Pages will also state "not peer reviewed" as suggested at the BBTC meeting.

3. Tim Leighton volunteered to be the editor/gatekeeper for BB.  
Thank you Tim.

Here is my summary. At the end of this document is Allan Pierce's recent email about POMA. It has the most accurate information.

Target mainly professionals in architecture, speech or noise.

Provide mechanism for "the promotion of the practical applications of acoustics".

Provide method to publish (online only) a record of ASA presentations.

Largely for papers that would not ever go to a peer reviewed journal but it would be no problem to go and publish at ASA later.  
provide access to ASA presentations for ASA members and other professionals who may not attend meetings (7000 members, 1000-2000 at meetings)

Proposal is for an online journal that would publish and maintain forever, a written record (a proceedings of sorts) from ASA talks.

Cost ~\$100/paper (waive for students)

Have to have presented the paper at an ASA meeting or ASA co-sponsored meetings.

Have ~6 months to upload following the meeting

Format not totally decided, basically a proceedings but somewhat flexible, not just the slides (need more text) but not necessarily the level of a JASA or JASA-El paper.

Authors submit a pdf only. No multimedia as yet.

Not peer reviewed. Editor/gatekeeper primarily prevents junk (unintelligible, blatant advertisements) from being published.

Examples for BB. Undergrads, cool bubble photos..

### **11.ASA Future Committee.**

A committee exists that is looking to improve the ASA, increase participation, and maintain ASA as the premier acoustics society  
Bill Yost, Frisk, Daigle, Neff, Sparrow, Wiesenberger

**Please send them ideas.**

### **12.New Topics**

ASA always looking to bring new exciting acoustics areas into the ASA. Send ideas of topics, people or how to Charles Schmidt.

### **13.External Societies Committee.**

Contact me or Courtney Burroughs to join committee trying to coordinate with similar societies to improve ASA.

### **14. Send in Physics (acoustics) success stories.**

Info for Congressional Aides on benefits of funding Acoustics

Can view at AIP website

2 pages have a form

federal funding led to \$10B industry

saves lives, adds to security

reaping rewards of a century of R+D, timeline  
today's investment, tomorrow's reward  
send any bits to [bstein@aip.org](mailto:bstein@aip.org)  
volunteers?

Meeting adjourned at 8:50pm

Hi, All,

This is being sent to all the TC chairs, including those whose terms have just ended. Many thanks for discussing the proposed new online publication series for conference proceedings at your TC meetings in Salt Lake City. I think we had a great dialog, and a lot of good ideas emerged. The Publication Policy Committee unanimously passed a resolution recommending such a publication to the Executive Council, which in turn voted to go further with the steps involved in its creation. At this point we are asking you to suggest an editor to handle papers in your area for the next three years. I will follow up and ask the person (or persons) you suggest if they are willing to serve.

Here are some of the new developments (still tentative) in the evolution of the project.

Title: Newest entry is Proceedings of Meetings on Acoustics (POMA). Executive Council will vote by mail, but the new suggestion looks like it may be the winner. (The suggestion is due principally to Charles Schmid.)

Online Organization: The online entry page will be by Conferences. One will have a pull down menu, with a list of conferences, then a second pull down menu with a list of Technical Areas (whatever groups sponsor sessions at ASA meetings). Then possibly a list of sessions. At some point there will appear on the screen a Table of Contents of all the papers received to date which correspond to the selection.

Gate Keeping: Each TC must have an editor, which we will call proceedings editor (rather than associate editor). That person will handle all the appropriate papers that are submitted for that TC. The extent of peer review is up to the editors, and asking for external reviews is possible, although the editors will be urged to avoid using external reviewers unless it seems really necessary. Attendees and session chairmen will be allowed to send e-mails to the editors alerting them to papers that the writers suspect may be blatantly wrong.

Paper length: This will be kept short. The general idea is that the information content not be much more what one can present in a 15 to 20 minute talk

Peer review: The title page will be composed by the AIP and will have various pertinent information regarding the paper. There will be a

disclaimer stating that the papers in "POMA" should not be regarded as peer-reviewed in the normal sense, although some selection procedures have been followed.

May send you more information as the plans develop further.

Allan