

**Minutes: Technical Committee on Musical Acoustics (TCMU)**  
**157<sup>th</sup> Meeting of the Acoustical Society of America**  
**Portland, Oregon**  
**Tuesday, May 19<sup>th</sup>, 2009; 7:30 pm**

**Attendees:**

Committee members: Jim Beauchamp, Murray Campbell, Jim Cottingham, Evan Davis, Diana Deutsch, Eric Dickman (student council), Uwe Hansen, Peter Hoekje, Jim Irwin, Bob Pyle, Tom Rossing, Bill Strong, Chris Walthan, Paul Wheeler (chair); ASA members: Freddie Bell-Berti (executive council), René Causse, Kelly Fitz, Rob Maher, Ruth Anne Mazur, José Sanchez, Fred Young; Visitors: Jessica Borowski, Judy Cottingham, Mark Kusch, Randy Worland, Junehee Yoo

**Acknowledgments:**

Session Chairs: Dean Ayers, Rolf Bader, Murray Campbell, Diana Deutsch, Tom Rossing  
Performances: Edinburgh Renaissance Band; Kevin Carr (bagpipes)  
Innovative projects proposal: Andrew Morrison, et. al.  
Gold Metal Award: Tom Rossing

**Best Student Paper entries:**

David Krueger - Acoustic and vibrometry analysis of beating in a large Balinese gamelan gong  
Michael Wilson - Measuring the Young's modulus of reeds from American reed organs  
Nicholas Goodweiler - Acoustics of single reed duck calls  
Mihir Sakar - The effect of musical experience on describing sounds with everyday words

**Upcoming meetings:**

San Antonio, TX (Oct 26-30, 2009)  
Baltimore, MD (Apr 19-23, 2010)  
ISMA 2010, Australia (Aug 2010)  
Cancun, Mexico (Nov 15-19, 2010)  
Seattle, WA (spring 2011)  
Providence, RI (Jun 4-8, 2012)  
Montreal, Canada (Jun 2-7, 2013)

**Sessions for San Antonio Meeting:**

Acoustics of free-reed instruments (Jim Cottingham)  
Acoustics of percussion instruments (Daniel Ludwigsen)  
Musical ability: Innate and environmental influences (Diana Deutsch)  
Psychoacoustic response to musical instruments (Rolf Bader)  
Conjunto musical performance (Paul Wheeler)

**Sessions for Baltimore Meeting:**

Bows used for string instruments (George Bissinger)  
Organic materials used in making musical instruments (Hiroko Terasawa)  
Manufacturing of strings for musical instruments (?)  
Extended instrument techniques (Jonas Braasch)

**Sessions for Cancun Meeting:**

Analysis, Synthesis, and perception of musical sounds (James Beauchamp)

Natural and ethnographic wind instruments (Murray Campbell)

Effects of wall vibrations on brass instruments (Peter Hoekje, Thomas Moore?)

**Technical Council Business:**

The scope of TCMU was updated and voted on to read:

Concerned with the application of science and technology to the field of music. Of particular current interest are the following topics:

1. Physics of musical sound production
2. Music perception and cognition
3. Analysis and synthesis of musical sounds and compositions

**Committee Reports**

Medals and Awards Committee - Uwe Hansen

Membership Committee - James Cottingham

ASACOS - Diana Deutsch: Needs input for terminology for musical acoustics

Student Council - Eric Dieckeman

Associate editors

JASA - Neville Fletcher and Diana Deutsch

JASA Express Letters - Thomas Rossing: Murray Campbell is the new editor

Proceedings of Meetings on Acoustics (POMA) - James Beauchamp

**Technical Initiatives:**

Student Paper Awards (\$1000)

Travel for Invited Speakers (\$1500)

Home Page Maintenance (\$300)

Concerts and lectures (\$3000)

**Other Business:**

Suggestions was given to have named sessions and distinguished lectures in musical acoustics