

# AGENDA

## TECHNICAL COMMITTEE ON ARCHITECTURAL ACOUSTICS (TCAA)

167<sup>th</sup> Meeting of the Acoustical Society of America  
Providence

Tuesday 6<sup>th</sup> May 2014

7:30 PM

Room 555 A/B

Chair: **Kenneth W Good Jr**

Secretary: **Erica Ryherd**

### I. Welcome and Introductions

- Welcome, especially to first time attendees and students.
- Please mark attendance list and verify your contact information.
- Consider joining this committee. If you have or soon will present papers, chair special sessions, and wish to contribute to the success of the ASA through subcommittee participation, indicate your desire to join this committee on the attendance list.

### II. Previous Minutes

- Additions/corrections?
- TCAA Meeting Agenda and Minutes are published on the TCAA website <http://tcaa.acosoc.org/meetings.html>

### III. Acknowledgements

- **James H. Miller**, and **Gopu Potty** (General Chair)
- **James Lynch** (Technical Program Chair)
- **Tim Foulkes** (TPOM Rep)
- Session Chairs: Kenric Van Wyk, Daniel Horan, Edward L. Logsdon, Lucky S. J. Tsaih, Gary W. Siebein, William J. Cavanaugh, Alex U. Case, K. Anthony Hoover, Philip W. Robinson, Frederick J. Gallun, Bennett C. Brooks, Juergen Bauer, Lily M. Wang, Ingo Witew
- Paper Presenters:

### IV. Congratulations!

- New Fellows: **TBD**

### V. Chair's Report

- (TBD)
- Comments on this meeting:

### VI. ASA Committee Reports

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1. Archives and History (**Vic Sparrow**)
2. Education (**TBD**)
3. Medals and Awards (**Tim Foulkes**) (Seeking replacement )
4. Membership (**Ron Freiheit**)
5. Standards (**Ange Campanella**)
6. Student Council (**Ellen Peng**)
7. JASA & JASA-EL Associate Editors(**Lily Wang, Frank Sgard, Jason Summers , Michael Vorlander**)
  - a. JASA-EL Associate Editor (**Ning Xiang**)
8. POMA editor (*incoming* **Lauren Ronsse**) Thank you Lauren
9. Public Policy (**Ken Roy, Michelle Vigeant, Nancy Timmerman, David Lubman**)
10. Women in Acoustics (**Erica Ryherd**)
11. College of Fellows (**Tony Hoover**) Ron Freiheit will be representing TCAA at the fellows luncheon.
12. Books Plus (**Neil Shaw**)
13. Regional Chapters (**Bob Coffeen**)
14. Tutorials (**Lily Wang**)
15. Other

**VII. TCAA Subcommittee Reports**

- a. **Special Announcement:** StackExchange for Building Performance Simulation and Analysis (**Ralph Muehleisen**)

*NOTE to Subcommittee and Working Group Chairs; if you intend to have a subcommittee or working group meeting at the national meeting, PLEASE REFER TO THE MEETING CALL FOR PAPERS FOR THE NAME AND DEADLINE DATE FOR SUBMISSION OF MEETING ROOM REQUESTS. This is part of the Call For Papers process. Meeting requests after the call for papers deadline will be “as available”*

1. Newman Student Award Fund Update (**Lily Wang, Carl Rosenberg**)
2. Concert Hall Research Group Update (**Tim Foulkes, Michelle Vigeant**)
  - a. August CHRG Conference anoucmmnet – (**Robin Glosmyer Petrone or Scott Pfeiffer**)
3. Classroom Acoustics Update (**David Lubman, Lou Sutherland, Dave Woolworth**)
  - a. Classroom Acoustics Booklets
4. Acoustic Data Working Group (**Eric Reuter, Ron Sauro,**)
5. Joint Subcommittee with Noise on Speech Privacy (**Greg Tocci**)
6. Worship Space Book Subcommittee (**Erica Ryherd, Lauren Ronsse & David Bradley**)
7. TCAA Student Paper Award – Results from Montreal (**Erica Ryherd**)
  - 1st Place: Zhao Peng**, University of Nebraska—Lincoln  
How room acoustics impacts speech comprehension by listeners with varying English proficiency levels
  - 2nd Place: Kathryn Hom**, Berkeley, CA

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The effect of two different rooms on acoustical and perceptual measures of mixed choir sound

8. Student Design Competition (**Norman Philipp, Phillip Robinson and Dave Woolworth**)
9. Green Building Acoustics (**Lucky Tsaih**)
10. Healthcare Acoustics Subcommittee (**Gary Madaras**)
  - a. Subcommittee Meeting on Wednesday 5:30-6:30 pm, Washington Room
11. TCAA Website (**Sean Browne**)
12. Other

### VIII. New Business

- TBD

### IX. Planning of Future Meetings

- **168<sup>th</sup> Meeting Indianapolis, IN 27-31 October 2014**
  - **Special Sessions:** Program set no new business
  - Call for papers deadline TBD
    - a. Call for papers included Subcommittee and Working Group Meetings
  - **Patricia Davies, Kenneth DeJong**, Co-Chairs; **Robert Port**, Technical Program Chair
  - TPOM Representative: **Norman Philipp**
  - TPOM Data: 11<sup>th</sup> & 12<sup>th</sup>
  - Technical Tour: Technical tour of The Palladium Theater, Tuesday 10:00am \$30.00 per person.
  - Indianapolis Special Sessions
    1. Interface between Audio & Architecture (**Alex Case / Tony Hoover**)
    2. Uses, measurement, and advances in scattering & diffusion (**Ron Sauro**)
    3. Acoustic Trick-or-Treat: Eerie noises, spooky speech & creative masking; Joint w/ Speech (**Alex Case**)
    4. Design & performance of office workspaces in high performance buildings; Joint w/ Noise (**Ken Roy**)
    5. Room acoustic effects on speech comprehension and recall; Joint w/ Speech & Noise (**Lily Wang & David Griesinger**)
    6. Evidence based acoustical design to improve patient outcomes (**Kenric Van Wyk**)
    7. Computer Auralization as an aid to Acoustically Proper Owner/Architect Design Decisions (**Bob Coffeen**)
- **169<sup>th</sup> Meeting Pittsburgh, PA, 18-22 May 2015**

## Agenda

- **Robert Keolian** and **Matthew Poese**, Co-Chairs, **TBD** Technical Program Chair
- TPOM Representative: **(Michelle Vigeant)**
- **Special Sessions:** Final Special Session Forms due tonight!
  1. 65th anniversary tribute to **Karl D. Kryter** and his work on noise and health – **(David Sykes, Bill Cavanaugh, Kenric Van Wyk )**
  2. Tonal Noise in Buildings; Joint w/ Noise **(Lily Wang)**
  3. Uncertainties in building acoustics measurements – laboratory & the field **(Matt Golden)**
  4. School acoustics and public policy **(Jason Summers)**
  5. Spherical array processing for architectural acoustics **(Michael Vorlaender and Ning Xiang)**
  6. TBD
  7. Suggested Tours:
    - a. Tower @ PNC Plaza **(Greg Miller)**
    - b. Benedum Center **(Ron Sauro)**
  
- **170th Meeting, Jacksonville, FL, 2-6 November 2015**
  - **TBD** and **TBD**, Co-Chairs, **TBD** Technical Program Chair
  - TPOM Representative: **(TBD)**
  - **Special Sessions:** (Preliminary Planning) Need 5 tentative sessions tonight
    1. Classroom acoustics in action; joint w/ TC Noise **(Ang Campenella, Dave Lubman, Dave Woolworth)**
    2. **TBD**
    3. **TBD**
    4. **TBD**
    5. **TBD**
  
- Future Meetings, no action required:
  - **171<sup>st</sup> Meeting** , Salt Lake, UT, May 23<sup>rd</sup> – 27<sup>th</sup> ) 2016
  - **172<sup>nd</sup> Meeting**, Honolulu, HI, November 28<sup>th</sup> – December 2<sup>nd</sup> 2016 (Joint with Acoustical Society of Japan)
  - **173<sup>rd</sup> Meeting**, Boston, Mass June 24<sup>th</sup> – 29<sup>th</sup> 2017 (Joint with European Acoustics Association)
  - **174<sup>th</sup> Meeting**, TBD Fall 2017
  
- X. Technical Initiatives – Reports and Renewals**
  - TBD
  
- XI. Other New Business**
  - TBD
  
- XII. Meeting Adjournment**