Section One: Welcome and Acknowledgements

I. Welcome and Introductions

- Welcome, especially to first time attendees and students. Many students in attendance
- 82 attendees marked attendance list
- All are encouraged to 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

- The Previous Minutes (167th Providence) were approved with no changes or corrections.
- TCAA Meeting Agenda and Minutes are published on the TCAA website http://tcaa.acosoc.org/meetings.html

III. Acknowledgements

- Patricia Davies, Kenneth DeJong (General Co-Chairs)
- Robert Port (Technical Program Chair)
- Norm Philip (TPOM Rep)
- Session Chairs: Alex Case, Eric Hunter, Robert C. Coffeen, Kevin Butler, Kenneth Roy, Kenric Van Wyk, Gary Madaras, Tony Hoover, Lily Wang, David Griesinger, David T. Bradley
- Paper Presenters: All 86 paper presenters in the 9 sessions
IV. Congratulations!
- September 15th 2014 marked the 100th Birthday of Leo Beranek... Happy Birthday Leo!
- New Fellows:
  - James E. Phillips (USA, CA): For contributions to vibration and noise control and for service to the Society
  - Bonnie Schnitta (USA, NY): For the invention and application of noise mitigation systems
  - Neil T. Shade (USA, MD): For contributions to education and to the integration of electro-acoustics in architectural acoustics
  - Ning Xiang is receiving the Sabine Medal for his contributions in architectural acoustics

V. Chair's Report
- ASA is embarking on a Strategic Leadership for the Future plan. You may be invited to complete a phone survey or interview. Please participate!
- Congressional Fellows Program: ASA and the American Institute of Physics is sponsoring a Congressional Science and Engineering Fellowship for a scientist or engineer to spend a year working in Congress through a program organized by the American Association for the Advancement of Science. The fellowship is available to individuals at all career stages who hold Ph.D.'s in physics or closely-related fields. The benefits include a $75,000 stipend, relocation expenses, and some reimbursement for health benefits. The application deadline is 15 January 2015.
- The TCAA has an initiative to better utilize our Subcommittee and Working Groups that are inactive, under-active and otherwise dysfunctional. The intent is to evaluate the importance make the appropriate changes to rectify this. Any Inactive Working Group or Subcommittee deemed Not important to the TC body will be considered for termination. Any inactive, under-active or otherwise dysfunctional subcommittee or working group that is deemed important to the TC body will be considered for how we can help through resourcing, reorganization and other means. We recognize that prioritize, workloads and other conditions change so in no way is this to be misunderstood and a statement on anyone's abilities.
- Comments on this meeting:
  a. Noise levels were nice & quiet in the meeting rooms
  b. In at least one session the audio requests were not met. Need better AV support.
c. Disappointed with overlap in some sessions – for example, TCAA sessions during Leo’s session. Also concerns about people double booked (e.g., giving papers at same time as chairing another session or chairing a committee meeting). Suggestion to at least always double check against TC Noise sessions. Also perhaps on session reservation form put: “when CAN’T you have it” instead of: “what day do you want it?”
d. Hard to find coffee during the break
e. Lovely social – good venue, food, & plenty of places to sit down
f. Good meeting!

**Section Two: Committee and Subcommittee Reports**

I. ASA Committee Reports
   1. Archives and History (Vic Sparrow)
      - No report
   2. Education (David T Bradley)
      a. We thank David for graciously accepting to be the TCAA representative
      b. All are welcome to come to Education Committee meetings, usually on Tues @ 5 pm.
      c. Related to Health & Vitality Study by ASA, we recently lost our Educational Outreach Coordinator. We highly encourage you to participate in ASA surveys & pass along comments about importance of education & outreach to ASA.
   3. Medals and Awards (Tim Foulkes)
      a. Tim has served the TCAA on the Medals and Awards committee for 4 ½ years (thank you Tim) Bennett Brooks will be representing TCAA starting at Pittsburgh meeting forward.
   4. Membership (Ron Freiheit) Ron has served the TCAA very well and very long. We are seeking a candidate to replace Ron.
      a. Thanks to those who have nominated fellows. If you have an idea of someone to nominate, please get in touch with Ron & he will let you know about the process.
   5. Standards (Ange Campanella)
      a. ICC public Hearing (Bennett Brooks, Noral Stewart)
      b. Reminder to get your five free ANSI standards that are part of your membership
      c. International Code Committee (ICC) – Building Code in law in most states. Thanks to Noral Stewart who wrote public comments that were later voted on in the general meeting & to Bennett Brooks who attended the ICC meeting to represent acoustics.
d. A117.1: Accessible Musical Buildings. Thanks to Ken Roy who has been working to incorporate portions of ANSI S12.60 into this standard.

6. Student Council (Ellen Peng) Need a new Student Rep (Pittsburg)
   a. Student council is seeking a volunteer from TCAA to take the student to the Society Luncheon on Thursday
      i. Will always need a volunteer for this so consider volunteering at future meetings
   b. Color sticker system to on badges to identify TC interests is going really well. TCAA is orange. Get your sticker from the TCAA student council rep at each meeting!
   c. Large variety of student programs, such as:
      i. Student Poster session at this meeting
      ii. Resume help desk new at this meeting (see signup / info board in registration area)
      iii. Student Icebreaker, Monday eve outing, Student Reception, etc.
      iv. Social media
   d. AIP has internships for science writing – not online yet but see Ellen Peng for more info

7. JASA & JASA-EL Associate Editors (Ning Xiang, Frank Sgard, Jason Summers, Michael Vorlander) (Email sent 9/30/2014)
   a. Per Michael:
      i. 2013, 6 submitted, 33% accepted
      ii. 2014 (to date) 16 submitted 25% accepted, 50% pending
   b. JASA-EL Associate Editor (Ning Xiang)
      i. 2014 (to date) 6 papers accepted, 2 rejected, 2 pending
   c. We may see some change in the revision / acceptance process in the future with the incoming Editor-in-Chief. Stay tuned for more details.

8. POMA associate editor (Lauren Ronsse)
   a. Authors are now allowed to submit POMA papers for any presentation previously given at an ASA meeting, the two year limitation no longer applies
   b. Templates are currently under development to help ease the submission process.
   c. Transitioning to a new submission system (Editoral Manager) available mid-November

9. Public Policy (Ken Roy, Nancy Timmerman, David Lubman)
   a. Current topics:
      i. Ewing Convention on Rights of Persons with Disabilities
      ii. Quiet Cars
      iii. Wind Turbine Noise

10. Women in Acoustics (Erica Ryherd)
    a. WIA continues to be active & healthy, sponsoring programs such as:
       i. Girl Scout Outreach
ii. Women in Acoustics Luncheon
iii. Young Investigator Travel Award
iv. Mentoring Program
   Please visit our website or attend future WIA committee meetings at ASA for more info on how to get involved

11. College of Fellows (Tony Hoover, Ron Freiheit)
   a. Look for stickers on name badge to identify fellows
   b. Fellows webpage is gradually being updated
   c. Thursday Luncheon
      i. Not just for Fellows – everyone welcome to attend!
      ii. Students be on the lookout for raffle at student reception for a free ticket.
      iii. Always looking for a TCAA fellow to volunteer at each meeting to host TCAA student raffle winner – you can volunteer to do this during the meeting registration process.
   d. ASA JAM
      i. New subcommittee has been formed for the ASA JAM, so College of Fellows no longer hosting
      ii. Everyone welcome (including students!)

12. Books Plus (Neil Shaw, Scott Pfeiffer)
   a. Still trying to reduce inventory
   b. TCAA Free Books Giveaway
      i. Interest ended up being much larger than expected - approx. 2700 books were requested by TCAA members!
      ii. Problems with distribution at this conference – will hopefully have them for Pittsburgh
      iii. Signup will be resent to TCAA members

13. Regional Chapters (Bob Coffeen)
   a. Healthy & active! Visit website for more details

14. Tutorials (Michelle Vigeant)
   a. Programs at each conference:
      i. Short course (Sunday-Monday)
      ii. Monday eve tutorials
      iii. Wednesdays hot topics

15. Other

II. TCAA Subcommittee Reports
1. Newman Student Award Fund Update (Lily Wang, Carl Rosenberg)
   a. Newman Medal:
      i. 17 medalists so far this year
   b. Schultz
      i. Check out Michael Ermann’s acoustics teaching tool (link posted to Newman website)
   c. Thanks to individual & corporate supporters

2. Concert Hall Research Group Update (Tim Foulkes, Michelle Vigeant)
   a. 5th CHRG this August in Chicago
i. Great event, well attended, very successful
ii. Thanks to ASA & corporate sponsors
b. Still working to become subcommittee of Newman Fund

3. Classroom Acoustics Update (David Lubman, Lou Sutherland, Dave Woolworth)
   a. Booklet 3 for Architects is almost done & will soon be published to website
   b. Booklet 4 for School Administrators is in the works
   c. Thanks to Dave Woolworth & others for all their hard work

4. Acoustic Data Working Group (Paused) Will address in spring

5. WG 44 Speech Privacy In Healthcare - Joint Subcommittee with Noise (Greg Tocci)
   a. The standard has been submitted to Standards and is in the editing & standards consideration process.

6. Worship Space Book Subcommittee (David T. Bradley, Erica Ryherd, & Lauren Ronsse)
   a. Book is on track for completion in next ~12 months & will be published through Springer. Thanks to all who contributed venues.

7. TCAA Student Paper Award – Results from Providence (Erica Ryherd)
   1st Place: Jennifer K. Whiting, Brigham Young Univ. - On the use of a real-time convolution system to study perception of and response to self-generated speech and music in variable acoustical environments
   2nd Place: Matthew Neal, Pennsylvania State Univ - Use of k-means clustering analysis to select representative head related transfer functions for use in subjective studies

8. Student Design Competition (Norman Philipp, Phillip Robinson and Dave Woolworth, Andy Miller)
   a. Dec 1st design charrette for next competition will be released

9. Green Building Acoustics (Lucky Tsaih)
   a. USGBC Elections – (Ralph Muehleisen)
      i. Brandon Tinianov is up for election – please consider voting

10. Healthcare Acoustics Subcommittee (Gary Madaras)
    a. Subcommittee Meeting on Wednesday 4:30-6:00 pm, Debra L. Wise Boardroom at Scotty’s Brewhouse – Please note the change.
    b. Relatively new committee, already has 31 members
    c. Recent initiatives:
       i. World Health Organization (WHO) is revising noise guidelines
       ii. USP Guidelines on Environments for Medication Dispersion

11. TCAA Website (Sean Browne) The TCAA is in the process of upgrading all the sites to wordpress for an ease of management and update. We remind you we are always looking for project photos to incorporate on the site.

12. AIA/CEU Course: (Bennett Brooks, Norman Philipp)
    a. AIA Healthcare Course update
       i. Ed Lodgdon & Kenric Van Wyk are working on developing this course
b. TCAA sponsors this course. Thanks to Tony Hoover & others for authoring the course. We encourage TCAA members to present the course to Architects / AIA members in your communities as an outreach initiative. Must first become a member of TCAA + complete training course in order to serve as an instructor. There will be another training course at Jacksonville ASA.

c. Norm Phillip will be taking over for Bennett Brooks as the point of contact for the AIA.

13. TPOM Rep (**Damian Doria & David T Bradley**) The new remote system will be starting at the spring Pittsburgh meeting.

14. Other

### Section Three: New Business and Meeting Planning

#### III. New Business
- Proposed Task Group on ASTM, ISO and other standards – (**David T Bradley**)
  a. We don’t always hear about ASTM, ISO, IEC, ASHRAE or other standards.
  b. Suggestion to reach out to TCAA members currently active in these organizations to see if people are willing to serve as liaisons. Suggestion to work with ASA Committee on Standards to work out the details.
  c. Suggestion to have a special session every 3 meetings or so to provide updates on standards.
  d. TCAA voted to approve a new Task Group.

  i. Ken Roy & Bob Hellweg will lead the Task Group.

#### IV. Planning of Future Meetings
- **169th Meeting Pittsburgh**, PA, 18-22 May 2015
- Meeting set, informative only
  - **Robert Keolian** and **Matthew Poese**, Co-Chairs, **TBD Technical Program Chair**
  - TPOM Representative: (**Damian Doria & David T Bradley**)
  - **Special Sessions:**
    1. Public Policy Implications of School Acoustics - (**Jason Summers, Dave Lubman**)  
    2. Sixty-fifth Anniversary of Noise and Healthcare: Session in Honor of Karl Kryter - (**David Sykes, Bill Cavanaugh, Kenric Van Wyk**)  
    3. Session in Honor of Dick Campbell - (**Tony Hoover, Eric Reuter**)  
    4. Session in Honor of Laymon Miller - (**Neil Thompson Shade, Bennett Brooks**)  
    5. Spherical array processing for architectural acoustics (**Michael Vorlaender** and **Ning Xiang**)
6. Uncertainty in Laboratory Building Acoustics Measurements – (Matthew V. Golden)
7. Up and Coming Architectural Acousticians: Past Student Paper Award Winners Report (David T Bradley, Lauren M Ronsse)
8. Uses, Measurements, and Advances in the Use of Diffusion and Scattering Devices - (Ron Sauro)
9. Session in honor of Louis C. Sutherland’s contributions to the fields of acoustics, acoustical standards, and noise. (Dave Lubman, Brigitte Schulte-Fortkamp)
   a. Looking for volunteers to help facilitate remote access for Lou

- **170th Meeting, Jacksonville, FL, 2-6 November 2015**
  - Need finalized tonight
  - Richard Morris, Chair, Catherine Rogers, Judy Dubno Technical Program Chair
  - TPOM Representative: (Damian Doria & David T Bradley)
  - Special Sessions: (Preliminary) Finalize sessions tonight
    1. AIA/CEU Training Class (Bennett Brooks, Tony Hoover) – confirmed
    2. Classroom acoustics in action; joint w/ TC Noise (Ang Campenella, Dave Lubman, Dave Woolworth, Lou Sutherland) – confirmed
    3. Acoustics of Multifamily Dwellings (Eric Reuter & Tony Hoover) – confirmed
    4. Sustainability versus Acoustics (Lucky Tsaih, Ron Elligator) – confirmed
    5. Quantifying & Qualifying Healthcare Acoustics (Gary Madaras) – confirmed
    6. Directivities of Musical Instruments and Their Effects in Performance Environments, Acoustical Measurements, Room Simulations, Auralizations, and Audio; Joint w/ TC Music (Timothy W. Leishman, Nicholas J. Eyring) – confirmed
    7. Acoustic Comfort & Building IEQ Performance (Ken Roy)
    8. Worship Space Acoustics: 3 Decades of Design (David T. Bradley, Lauren Ronsse, Erica Ryherd)

- **171st Meeting, Salt Lake, UT, May 23rd – 27th ) 2016**
  - TBD and TBD, Co-Chairs, TBD Technical Program Chair
  - TPOM Representative: (Damian Doria & TBD)
  - Special Sessions: (Preliminary Planning) Need 5 tentative sessions tonight
    1. Sound System Design, Optimization and Intelligibility – (Peter Mapp & Tony Hoover)
    2. Healthcare Acoustics (Gary Madaras)
3. Opera House Acoustics (*Robin Petrone*)
4. Novel Detailing to Achieve Sound Isolation (*Shane Kanter*)
5. Acoustics of Performing Arts Venues (*Michelle Vigeant & Greg Miller*)

- **172nd Meeting**, Honolulu, Hi, November 28th – December 2nd 2016 Joint with Acoustical Society of Japan
  - TBD and TBD, Co-Chairs, TBD Technical Program Chair
  - TPOM Representative: (*Damian Doria & TBD*)
  - Special Sessions: (Preliminary Planning) Need 2 or 3 tentative sessions tonight
    1. Architectural Acoustics & Audio: Better than the Real Thing (*Alex Case & Tony Hoover*)
    2. Healthcare Acoustics (*Gary Madaras*)
    3. Comparison of US and Japanese Metrics (*David Manley*)
    4. TBD

- Future Meetings, no action required:
  - **173rd Meeting**, Boston, Mass June 24th – 29th 2017 (Joint with European Acoustics Association)
  - **174th Meeting**, Louisville KT Fall 2017
  - **175th Meeting**, Minneapolis, Minnesota May 7-11th 2018

V. Technical Initiatives – Reports and Renewals
- Note: Technical Initiatives are meant to inspire and support innovative ideas. Suggestions for appropriate investments in outreach, education, and other ASA activities are encouraged.
  - Website Upgrade/Maintenance. (preapproved) $300
  - Travel Funds for Invited Speakers (preapproved) $1500
  - Student Paper Awards (preapproved) $1000
  - Worship Spaces Book (approved by TCAA & Technical Council) $3000
  - Other TBD

VI. Other New Business
- AES update: In Summer of 2015 AES sponsoring 1st sound reinforcement conference held in 25 years.

VII. Meeting Adjournment