1. Welcome to members, guests, students
   - Please mark attendance list and verify your contact information
   - Sign-in sheet being passed around
   - ~15 students in attendance

2. Minutes from Honolulu: corrections, approval
   - No comments from members
   - Approved

3. Incoming Appointments
   None

4. Reports
   Membership Report (Alex Case):
   TC NS needs more fellows, typically in top 10% of field
   Submit nominations with 3 recommendation letters (2 must be from current fellows)
   See Alex Case for more information
   Rich Peppin just recently elected fellow to ASTM
   New Fellows introduced at this meeting:
   Douglas A. Abraham, Joshua G. Bernstein, David Braslau, Tim Colonius, Elisa E. Konofagou, Ying Tsong Lin, Tyrone M. Porter, James A. TenCate, Blake S. Wilson
   Lily Wang – president elect
   Scott Sommerfeldt – vice president elect

   a) Medals & Awards (Ken Cunefare): If any suggestions for possible nominations (Gold Medal, Silver Medal, Lindsay Award), let Ken know. Looking for Ken's Replacement
      a. Ken will be stepping down from committee
      b. Need to cultivate medal candidates
         i. 3 candidates to be submitted at once for all 3 awards
         ii. TC NS could use improvement in this initiative
             1. Proposed sub-committee to help identify these candidates
             2. Talk to Bill afterwards if you're interested

   Carl Rosenberg – 40-year anniversary of ASA foundation
   - Special poster session in New Orleans to celebrate winners of Hunt Fellowship with history of program
   - Recognizing new initiatives geared toward young investigators & early career members
• Fee to attend session and help fund award
• Raised awareness for search of future Hunt fellows

b) Winker Foundation Scholarship in Architectural Acoustics Noise Control and Engineering Acoustics
   a. Committee: Christopher Struck, WJ Murphy, E Rueter, K Walsh
   b. Announcement is forthcoming - Materials will be available on ASA website
   c. $3000 scholarship for a student in Architectural Acoustics, Noise and Eng Acoust

c) Leo & Gabriella Beranek Scholarship in Architectural Acoustics and Noise Control
   d) Committee: Carl Rosenberg, Eric Reuter, William J Murphy, Tony Hoover, Damian Doria
   e) Eric Reuter will be the AA chair forthcoming
   f) 5 applicants last year
   g) Announcement will be forthcoming from ASA

h) Young Investigators ():
   a. 3 awards up to $250 each
   b. Awardees from Honolulu
      i. Linh Nguyen
         Community response to aircraft noise: A step-change study around Hanoi Noi Bai International Airport
      ii. Shodai Sagara
         A study on transient noise-generation characteristics in a diesel engine with rapid premixed-charge compression ignition combustion
      iii. Anna Josefine Sørensen
         On-site and laboratory soundscape evaluations of three recreational urban spaces 2aNS9

c. Boston meeting
   i. Bill needs help evaluating out these young investigator
      1. David Woolworth
      2. Contact Bill if you’re interested in volunteering

d. Student participants: Boston – Judges Thank you!!!
   i. Shout out & thank you to Vic Sparrow, Kent Gee, & all for great amount of work here in Boston

<table>
<thead>
<tr>
<th>Abs #</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>2aNSb4</td>
<td>Nicholas Ortega</td>
</tr>
<tr>
<td>2pNSa5</td>
<td>Yalcin Yildirim</td>
</tr>
<tr>
<td>2pNSa9</td>
<td>Daniel de la Prida</td>
</tr>
<tr>
<td>2pNSb4</td>
<td>Joe DeGolia</td>
</tr>
<tr>
<td>3aNSb7</td>
<td>Cameron Fackler</td>
</tr>
<tr>
<td>2pNSb10</td>
<td>William Doebler</td>
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<tr>
<td>3aNSc2</td>
<td>Christopher Jasinski</td>
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<tr>
<td>3pNSb2</td>
<td>Trevor Stout</td>
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<tr>
<td>3pNSb5</td>
<td>Matthew Collmar</td>
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<tr>
<td>3pNSc7</td>
<td>Vincent Nadon</td>
</tr>
<tr>
<td>4aNSa7</td>
<td>Julian Rice</td>
</tr>
<tr>
<td>4aNSb4</td>
<td>Pranav Pamidighantam</td>
</tr>
</tbody>
</table>
e. Possibility of sub-committee moving forward to limit the number of student candidates
   i. Possibility of requiring POMA submissions?
      1. If so, do we want it required prior to the meeting?
         a. No conclusion
      2. Discussion points
         a. Importance of presentation skills
         b. Value put on presentation, POMA should not be judged on its own
         c. If paper is required, this will add more work for judging
         d. Consider half award for presenting & half award for submitting POMA
            i. Incentive for more POMA
            ii. May split students’ work between two and actually dilute the work
      3. Up for vote – seemingly split
   ii. Consider passing on to session chairs to help out
      1. Up for vote – approved
         a. To start in New Orleans
   iii. What do we do with poster submissions?
      1. Discussion points
         a. If posters are included, there needs to be a separate award/category for posters & presentations (with separate criteria)
         b. 24 student candidates in Boston (4 for posters)
         c. Posters are typically small numbers
         d. Where would the money come from???
      2. Best student paper award being given only to papers that involve an aural presentation
         a. Up for vote – Passed
      3. Kent Gee - go to Publication office asking for more $

i) Student Council (Jon Weber): Welcome students
   a. Students, please fill out Student Feedback Survey after meeting, link via email
   b. Students Meet Members for Lunch
i. Sign-up form passed around for interested full members to be considered for future meetings (last meeting in Honolulu)
   1. Interested members not currently signed up, contact Bill

ii. Great way for students to introduce themselves to full members, and great for future collaboration (e.g. research, jobs, etc)

b. Website (asastudentcouncil.org), Facebook, Twitter, & LinkedIn
   i. Great way to follow both ASA and Student Council during and between meetings
   ii. Job postings can be posted on our LinkedIn page, so send them our way

C. Mentoring Award
   i. Awarded in Boston to Dr. Dan Russell – Congrats!
   ii. Next call for applications coming soon, be on the lookout

d. Student events in Boston
   i. New Student Orientation: ~160 attended, largest we’ve seen in a long time
   ii. Student Meet and Greet: ~170 attended
   iii. Student outing to Fenway Bleacher Bar: ~65 attended
   iv. Student Reception: ~190 attended

e. Student Council sponsored sessions in Boston
   i. Graduate Programs in Acoustics Poster Session
      1. Great way to learn about universities and meet students and faculty members
      2. Advertise graduate programs, degrees, and opportunities to help undergrads know what’s available
      3. Check grad school directory (http://asastudentcouncil.org/student-resources/) – submit program to Student Council if yours is not there
   ii. NEW – Teaching Tips for the New (or not so new) Acoustics Faculty Member (co-sponsored w/ EdComm)
      1. Great turnout – well over 60 attended
      2. Considering adding this session to future meetings as teaching methods are constantly evolving and to help reach larger audience

g. Student Council sponsored sessions in New Orleans
   i. Grant/Fellowship panel
      1. If you know someone who would be good for the panel, contact Jon
      2. Abstracts due July 10 – passed

h. Student Council sponsored sessions in Minneapolis
   i. Intro to TCs
      1. Each TC will have one member (typically chair) to give a 7 minute presentation on what their TC represents
      2. Abstracts due right after New Orleans meeting
      3. Need a volunteer

   j. ASA Youtube page – subscribe and advertise!

   j) Education Committee (Traci Neilson)

k) Boston meeting:
   a. TPOM representatives: James Phillips, Bill Murphy, Brigitte Schulte-Fortkamp, Jian Kang
      i. Kudos to James Phillips for giving TC Noise a nicely organized spreadsheet!!
      • 2200 abstracts, 174 abstracts in Noise. 22 Sessions!!!
I) Call for Papers for New Orleans is available:
   TPOM: Bill Murphy (Would like another volunteer to learn the system)
   - Volunteer to be decided

   1. Acoustics and its Role in Accessibility (e.g. Americans with Disabilities Act)
   2. Evaluation of Acoustics in Hospitals and Healthcare Facilities
   3. Jet Aeroacoustics
   4. Urban Planning Using Soundscape
   5. Wind Turbine Noise
   6. ASA Standards: Practical Applications of Acoustics in your Field

m) Women in Acoustics (Erica Ryherd)
   a. WIA continues to be active & sponsor several on-going programs, including:
      i. Young Investigator Travel Award
      ii. Women in Acoustics Luncheon
      iii. Mentoring Program
      iv. Girl Scout Outreach
   b. If you are interested in participating or volunteering for any of these programs, please visit our website (accessible from main ASA page) or contact Erica Ryherd
   c. Girl Scout Outreach will be back in Boston

n) Regional Chapters (Bob Coffeen)
   a. Not much new
      i. Michigan - approved for new Student Chapter
   b. No new regional chapters for this meeting, but looking to promote more outreach with future regional meetings
      i. Can be academic or application

o) College of Fellows (Tony Hoover) – Take a Student to the Society Luncheon. Need a volunteer of someone who expects to be going to Society Lunch in Boston/New Orleans. Volunteer when you register for the meeting and sign up for the luncheon.
   a. Volunteers to be decided
   b. Move from 13 to 26 sponsored tickets for students (2 per TC)

Other Committees?

5. Publications and Standards
a) Report on EIC ASA publications (Jim Lynch)
   - 6 months in new office
   - Evaluations of AE staff – improving speed
   - Coordinating editors working well – lacking a NS editor
   - Acoustics Today – article on Need for Speed trying to improve turnover time from 90 to 65 days
   - New citation site – TC chair picks for best papers, helps improve TC publicity and citations
   - Want a list of competitive journals (specific to TC NS – See list below, Bill to update with current list from slides presented at meeting)
      i. Acoustica & Journal of Audio Eng. Society
      ii. International Journal of Aeroacoustics
      iii. AIAA – American Institute of Aeronautics Association
      iv. Journal of Aircraft
v. ASME Journal of Vibration and Acoustics
   - Need 2 additional NS editors
     i. If you’re interested, contact Bill Murphy
   - Special content articles are free to the author
   - Amount of publications are proportional to number of people on TCs
     i. Looking for more hot topic articles, can work with being at different stages of the article
     ii. Contact Jim Lynch

b) JASA Associate Editors for Noise (G. Brambilla, B.S. Cazzolato, S. Fidell, K.V. Horoshenkov, R. Kirby, Brigitte Schulte-Fortkamp)
   - We need MORE Associate Editors

c) JASA Express Letters Associate Editor for Noise (Eddie Lau)

d) POMA (Kent Gee) – Associate Editors: Alan Wall, Alexandra Lobeau

e) Standards (Paul Schomer)

f) Report from ASA Committee on Standardes (ASACOS) (Rich Peppin Chris Struck - report)
   - Reminder: each ASA member can get 5 free standards a year. Code was sent to you upon membership renewal. If you forgot code go to ASA web and contact “citation help.” ASA/ANSI standards are free, and nationally adopted ISO standards can be purchased for the reduced price of $35 each.
   - Want to improve TC liaisons
   - Anything pertaining to standards, contact TC NS standards liason (Rich Peppin)
   - Voted on 110 international standards
   - Adopted 12.9 standard on Environmental sound, 12.6 Classroom acoustics standard (still free to the public)
   - AB rep interview on ASA Youtube channel
   - 48 delegates from 15 countries collaborating internationally
   - ISO TC 43 (acoustics) & 43 SC1 (Building Acoustics) met in Denmark, 61 delegates from 51 different countries
   - TC 108 met in London
   - TC 108 SC6 meeting in Gatorsburg
   - TC in water meeting in ??
   - International Standards travel award – contact standards office
   - Special session in New Orleans, ASA Standards: Practical Applications of Acoustics in your Field
     i. 7 abstracts already submitted
   - Special session already proposed for Minneapolis
   - QR codes newly made for more information on Standards committee and working groups
   - Standards Terminology
     i. ANSI S1.1 and S3.20. There is a new ANSI Standards Terminology database freely available on the standards site.
     ii. New members can get a free copy of S1.1 by using the code “TERM” for the ASA Store
   - Other ASA Standards in 2017
i. Job descriptions
ii. International standards meeting in the US 2020 for TC 43 and TC 43/SC1
iii. Case studies and success stories of standards in action
iv. Investigating ways to provide a discount to sustaining members
v. Improving the standards display for ASA Meetings

- 3-Point Marketing Message
  i. Support ASA Standards: Become an Organizational Member
     1. Have an Impact and make your voice heard
        a. You have a vote and can make a difference
  ii. Participate in the Standards Process: Volunteer to Join a Working group
  iii. Sales of Standards support the ASA Standards Program
     1. Standards are Practical applications of acoustics in your field
     2. Every ASA member gets 5 free standards per year!

- S1 New working group on Materials for transduction
  i. Contact Roger Landos

- S3 SC1 New working group on Acoustic Meta Data
  i. Reestablish the working group for fish and reptiles

- New S12 working group on unmanned aerial systems (i.e. drones)

### 6. Current meeting

<table>
<thead>
<tr>
<th>A Comparative Look at US and European Noise Policies</th>
<th>David Woolworth, Brigitte Schulte-Fortkamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effects of Noise on Human Comfort and Performance I.</td>
<td>Elen Peng, Lily Wang, Anna Warzybok</td>
</tr>
<tr>
<td>Effects of Noise on Human Comfort and Performance II.</td>
<td>Elen Peng, Lily Wang, Anna Warzybok</td>
</tr>
<tr>
<td>Effects of Noise and Perception (Poster Session)</td>
<td>William Murphy</td>
</tr>
<tr>
<td>E-Mobility--Challenge for the Acoustics</td>
<td>Klaus Genuit, Steve Sorenson</td>
</tr>
<tr>
<td>Implications of Community Tolerance Level Analysis for Prediction of Community Reaction to Environmental Noise</td>
<td>Sanford Fidell, Truls Gjestland</td>
</tr>
<tr>
<td>Measuring, Modeling, and Managing Transportation Noise I.</td>
<td>Matthew Kamrath, Lisa Lavia</td>
</tr>
<tr>
<td>Measuring, Modeling, and Managing Transportation Noise II.</td>
<td>Matthew Kamrath, Lisa Lavia</td>
</tr>
<tr>
<td>Mechanical System Noise</td>
<td>Eric Reuter, Shiu-Keung Tang</td>
</tr>
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<td>Noise Impacts and Soundscapes on Outdoor Gathering Spaces I</td>
<td>Brigitte Schulte-Fortkamp, K. Anthony Hoover</td>
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<tr>
<td>Noise Impacts and Soundscapes on Outdoor Gathering Spaces II</td>
<td>Brigitte Schulte-Fortkamp, K. Anthony Hoover</td>
</tr>
<tr>
<td>Perception of Tonal Noise</td>
<td>Joonhee Lee, Roland Sottek</td>
</tr>
<tr>
<td>Session in Honor of Kenneth Plotkin</td>
<td>Ben Sharp, Juliet Page, Victor W. Sparrow, Phillipe Blanc-Benon</td>
</tr>
<tr>
<td>Sonic Boom Noise I: Low Boom Technology, Propagation, Etc</td>
<td>Phillipe Blanc-Benon, Victor W. Sparrow</td>
</tr>
<tr>
<td>Sonic Boom Noise II: Mach Cutoff, Turbulence, Etc</td>
<td>Phillipe Blanc-Benon, Victor W. Sparrow</td>
</tr>
</tbody>
</table>
### Sonic Boom Noise III: Community Exposure and Metrics
Phillipe Blanc-Benon
Victor W. Sparrow

### Sonic Boom Noise V: Turbulence, Predictions, and Measurements
Phillipe Blanc-Benon
Victor W. Sparrow

### Aircraft Noise and Measurements (Poster Session)
Victor W. Sparrow

### Statistical Learning and Data Science Techniques in Acoustics Research
Jonathan Rathsam
Edward T. Nykaza

### Using Acoustic Standards in Education
William J. Murphy, Lawrence Feth, Massimo Garai

### Urban Environment and Noise Control (Poster Session)
Bennett Brooks, Greg Watts

### Wind Turbine Noise
Nancy Timmerman
Paul Schomer, Robert Hellweg

## 7. Future Meetings

### a. Fall 2017, New Orleans, LA Dec 4-8, 2017
TPOM reps – Bill Murphy, James Phillips, & Hales

Deadline for abstracts – **July 10**

<table>
<thead>
<tr>
<th>Topic</th>
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<td>Kathy M</td>
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<td>Jay Bliefnick, Jon Weber</td>
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<td>Alan Wall</td>
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<td>Urban Planning Using Soundscape</td>
<td>David Woolworth, Brigitte Schulte Fortkamp</td>
</tr>
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<td>Nancy Timmerman, Paul Schomer</td>
</tr>
<tr>
<td>ASA Standards: Practical Applications of Acoustics in your Field</td>
<td>Christopher Struck</td>
</tr>
</tbody>
</table>

### b. Spring 2018, Minneapolis, Minnesota, May 7, 2018
Final special session Google forms ([https://goo.gl/PtsaKF](https://goo.gl/PtsaKF))
To be put on TC NS website

<table>
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<tr>
<td>Hearing protection: Impulse peak insertion loss and specialized HPDs</td>
<td>Elliott Berger &amp; Cameron Fackler</td>
</tr>
<tr>
<td>Natural &amp; Recreation Area noise: The effects of natural quiet on recreation in Northeast Minnesota</td>
<td>David Braslau</td>
</tr>
<tr>
<td>Wind Turbine Noise</td>
<td>Robert Hellweg &amp; Paul Schomer</td>
</tr>
<tr>
<td>Hearing health across a lifespan: Hearing screening from cradle to grave</td>
<td>William Murphy, Alexander Francis</td>
</tr>
<tr>
<td>Hearing protection: Impulse peak insertion loss, specialized hearing protection devices and fit-testing</td>
<td>Elliott Berger, Cameron Fackler, &amp; William</td>
</tr>
</tbody>
</table>
- **Send James Phillips email from Bill Murphy**
  - Jim already submitted form
- Bob Hellveg may be trying to come up with another session – TBD
- Some concern with session, *The effects of natural quiet on recreation in Northeast Minnesota*
  - Should it be regional?
  - Should it involve soundscape somehow?
  - Proposed modification
    - *The effects of natural quiet on soundscapes of recreational areas*
  - Title may be changed later on
- **Note:** Scholar One is going to die and needs to be updated.
  - **Who do we need to contact??**

**c. Fall 2018, Victoria, British Columbia**
- Wind Turbine Noise – David Michaud & Paul Schomer
- Acoustic vehicle alerts and the soundscape – Brigitte Schulte-Fortkamp & Jeanine Botta
- Noise and vibration associated with fitness facilities (joint with AA, SA) – Matt Goldmen
- Structure borne noise due to building movement – Bonnie Schnitta

**d. Spring 2019, Louisville, Kentucky**

**e. Fall 2019, Not yet determined**

**f. Spring 2020 Chicago IL**

**g. Fall 2020, Cancun, Mexico**

**h. November 2021, Sydney Australia (proposed by Tech Council)**
- ASA & AAS hosted (we were approached by other organizations)
- Brian Ferguson & Marion Burgess – ASA cochairs
- Technical visits up for decision
- Those in favor (~20-25%)
  1. Difficult for young professionals & students – is this a concern???

**7. Technical Council Items** (William Murphy)

2019 being proposed as International Year of Sound

**8. TC Noise Web Page** (Cameron Fackler) – not discussed during meeting
- Website has been migrated to ASA site by Dan Farrell. If people have suggestions, we can work with Dan to get them incorporated.
- Decisions to be made on organization, i.e. subcommittees
- Subcommittee for Web content:
a. Brigitte Schulte-Fortkamp, Matt Blevins, Christopher Buckley, Patricia Davies, Bonnie Schnitta (& Les Blomberg?) to be in contact via email prior to Boston meeting
b. First contact made – needs to continue moving forward

9. Technical initiatives
New guidelines – standing approved funding of $1000 for Young Investigator Award and $3000 for travel support each year
- Let William Murphy know

For additional initiatives, initiative under $2500 will be approved by a “consent” vote (up to $15,000 total). Those over $2500 will be considered and approved individually.
- Find information on standards webpage and submit

- ITEMS approved at TC for technical Initiatives
2. Winter School on Therapeutic Ultrasound
3. Funding a session for budding scientists with invited talks by students and postdocs at Acoustics ’17 in Boston
4. Concerts at New Orleans
5. Prize money – submit 7-minute video from TC NS

10. Other Items
b) David Woolworth
   i) Technical initiative – soundscape outreach in New Orleans, similar to Portland in 2011
      (1) Looking into city planning, health department, community complaints, etc
   ii) Passed in AA for $5,000 – covering expenses for travel of bringing people in
      (1) Portion of AIP grant already put toward this
   iii) Building bridges in the city, community, etc
   iv) Should this be joint with NS?
      (1) Up for vote – approved to be joint with AA (split halfway)

1. William Murphy’s term as TC NS chair is up in Minneapolis
   a. If interested, contact Bill


Adjourn