

“CLASSIC PAPERS IN NOISE CONTROL ENGINEERING” COMPETITION ENTRY FORM

INCE-USA is sponsoring a special session of seminal noise control papers open to students, "Classic Papers in Noise Control Engineering" for Noise-Con 2016 (NC16). Students will present on one of the classic papers listed in the entry form. An award will be given based on the student’s presentation itself. A winner, as determined by the INCE-USA judging panel, will receive \$1000 if she or he attends the Noise-Con 2016 Awards Ceremony, Wednesday, June 15, 2016.

Name of contestant (presenter): _____

Address, email, and telephone number of contestant to which all correspondence should be directed:

Address: _____

Email/Phone: _____

Number and title of paper that you have chosen to present (must be chosen from list on page 2):

Title of abstract: FORMAT should be: Overview of <original author list>'s <year> paper on <original paper title>

CERTIFICATIONS

I, the presenter of the overview of the work in the seminal noise control paper listed above, certify that I prepared the presentation myself. I am/ I have submitted an application to be a student member of INCE-USA. I have read the rules of the competition and agree to abide by them.

(Signature and Date)

I, the faculty advisor to the above-named student, certify that the student prepared the presentation and that I have only provided feedback to help him/her improve his/her presentation. I also certify that this student is a full time student at _____ (university or college name).

(Signature and Date)

CHECK LIST

Submit electronically as part of regular submission procedure at NC16 webpage:

Abstract Assigned Abstract Number: _____

E-mail to INCE-USA Business Office (ibo@inceusa.org) with the subject of “NC16_XXX Classic Paper Entry Form: Membership” where XXX is the number assigned to this paper when you submitted the abstract:

INCE-USA Associate Application Forms, if not already a student member of INCE-USA (obtain at <http://www.inceusa.org>).
Check this if the student is already a student member.

E-mail no later than abstract submission due date to INCE-USA VP for Student Activities (vp_education@inceusa.org) and INCE-USA Business Office (ibo@inceusa.org) with the subject of “NC16_XXX Classic Paper Entry Form” where XXX is the number assigned to this abstract:

Abstract
 Competition Entry Form (only first page of this form)

CLASSIC PAPERS IN NOISE CONTROL ENGINEERING SESSION -- PAPER LIST

You must select one of the following papers for your presentation. One presentation of each paper will be scheduled. The first person to submit an entry form identifying a particular paper will be the one to present that paper.

1. G. C. Maling, Jr. and W. W. Lang, Theory into Practice: A Physicist’s Helpful View of Noise Phenomena, NCEJ, 1(1), 1973.
2. A. F. Seybert, M. J. Crocker, J. W. Moore, and S. R. Jones, Reducing the Noise of Residential Air Conditioner, NCEJ, 1(2), 1973.
3. K. U. Ingard and G. C. Maling, Jr., Physical Principles of Noise Reduction: Properties of Sound Sources and their Fields, NCEJ, 2(1), 1974.
4. K. U. Ingard and G. C. Maling, Jr., Physical Principles of Noise Reduction: Energy Considerations, Noise Reducing Elements, and Sound Absorbing Materials, NCEJ, 2(2), 1974.
5. C. E. Ebbing and T. H. Hodgson, Diagnostic Tests for Locating Noise Sources: Classical Techniques (Part I); Signal Processing Techniques (Part II), NCEJ, 3(1), 1974.
6. N. Myerson, Sources of Noise in Power Plant Centrifugal Pumps with Considerations for Reduction, NCEJ, 2(2), 1974.
7. C. Bragdon, Community Noise: A Status Report, NCEJ, 2(2), 1974.
8. J. P. Carlson and A. M. Teplitzky, Estimation and Impact of Environmental Noise from Natural Draft Cooling Towers, NCEJ, 3(1), 1974.
9. A. H. Hakimi and R. P. Kachru, Noise Reduction in Tractor Cabs by Isolation Mounting, NCEJ, 3(2), 1974.
10. I. D. Wilken, R. C. Chanaud, and W. Soedel, A Noise Reduction Technique for Centrifugal Water Chillers, NCEJ, 3(3), 1974.
11. I. L. Ver, Measurement of Dynamic Stiffness and Loss Factor of Elastic Mounts as a Function of Frequency and Static Load, NCEJ, 3(3), 1974.
12. P. K. Baade, A Sound Strategy for Developing Quiet Products, NCEJ, 3(3), 1974.
13. M. C. Junger, Helmholtz Resonators in Load-Bearing Walls, NCEJ, 4(1), 1975.
14. A. S. Hersh, R. A. Kessler, and J. G. Seebold, Refinery Auxiliary Stack Design to Eliminate Fluid Induced Resonance Tone, NCEJ, 4(1), 1975.
15. R. C. Mellin, Selection of Minimum Noise Fans for a Given Pumping Requirement, NCEJ, 4(1), 1975.
16. R. L. Bannister, Structural Models for Vibration Control, NCEJ, 4(2), 1975.
17. R. B. Wilkerson, Sound Level Meter and Dosimeter Response to Unsteady Noise Levels, NCEJ, 4(2), 1975.
18. A.H. Marsh, Noise Control Features of the DC-10, NCEJ, 4(3), 1975.
19. E. E. Ungar, Design of Floated Slabs to Avoid Stiffness Effect of Entrapped Air, NCEJ, 4(1), 1975.
20. E. R. Hermann, Biomechanics of Human Hearing, NCEJ, 6(1), 1976.
21. S. L. Applegate and M. J. Crocker, Reducing the Noise of a Rotary Lawn Mower Blade, NCEJ, 6(1), 1976.
22. R. DeJong and E. Stusnick, Scale Model Studies on the Effects of Wind on Acoustic Barrier Performance, NCEJ, 6(1), 1976.
23. T. Wolde, Reciprocity Measurement of Acoustical Source Strength in an Arbitrary Surrounding, NCEJ, 6(1), 1976.
24. J. Tichy, Effects of Source Position, Wall Absorption, and Rotating Diffuser on the Qualification of Reverberation Rooms, NCEJ, 7(2), 1976.
25. J. B. Moreland, Controlling Industrial Noise by Means of Room Boundary Absorption, NCEJ, 7(3), 1976.

CLASSIC PAPERS IN NOISE CONTROL ENGINEERING PRESENTATION COMPETITION RULES

PAPER OVERVIEW BEING PRESENTED. The paper being presented must be selected from the list provided in this entry form. Once the abstract has been submitted, the student must stick with a presentation of that paper, and not switch to another paper on the list.

AUTHORSHIP OF PRESENTATION. The presentation must be compiled by and presented by the student. The student must be **registered as student at a university or college at the time of the conference.**

CONNECTION WITH INCE-USA. The student must be a student member of INCE-USA.

PRESENTATION AND ABSTRACT TITLE: Format for the title of paper should be: "Overview of <original author list>'s <year> paper on <original paper title>"

ABSTRACT: This should highlight the main thrust of the original paper and the focus of the presentation, which could include additional work that has been done by the student presenter. Additional work could include reproduction of the results in the paper, additional analysis, or influence of the original paper on subsequent research or noise control practice, etc.

DEADLINE. An abstract for the presentation must be submitted no later than **the abstract submission due date.** If the student is not a student member of INCE-USA, student member application form must be received by **the abstract submission due date.** Note that there is no cost to register as an INCE-USA Student Associate. **A Competition Entry Form (page 1 of this document) is required for the presentation to be considered for the session and in the competition.**

JUDGES. All decisions of the INCE-USA judges are final. The Institute reserves the right not to make an award should presentations not satisfy minimum levels of expectations by the panel of judges.

JUDGING CRITERIA. Judges will evaluate the presentations by considering:

- i. The judges' perceptions of the student's understanding of the technical content of the paper.
- ii. The student's understanding of the impact of the research reported in the paper.
- iii. The quality of the communication of the technical content of the seminal paper.
- iv. The quality of the slides.
- v. The clarity and presentation style of the speaker

AWARDS CEREMONY. All contest entrants must present their papers in person in the session to which their papers are assigned. They must also be present in person at the INCE-USA award ceremony to receive the prize check of \$1000 USD.

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