

PUBLICATIONS

Publications in peer reviewed journals

^ indicates first authorship in co-written articles

* indicates invited papers

The work in the Chalmers Room Acoustics Group is collaborative. For co-written articles the following approximate rule generally applies: Articles with authors from the Chalmers Room Acoustics Group (for example Kleiner, M., Dalenbäck, B.-I., Svensson, P., and others) 1st author has generally conceived the paper being responsible for 70 - 80 % of the work, 2nd author being responsible for 10 - 20 % of the work, 3rd author remainder.

Unless otherwise indicated all papers are in English.

year	Author(s), title, publication
1978	Kleiner, M., "Problems in the design and use of 'dummy-heads'". Acustica vol 41, # 3
1980	Kleiner, M., "On the audience induced background noise level in auditoria". Acustica vol 46, # 1
1980	Kleiner, M., "Speech intelligibility in real and simulated sound fields". Acustica vol 47, # 1
1989	Kleiner, M., "Measuring lateral efficiency using a two microphone technique". Applied Acoustics 27 (1989) pp 321-327.
1990	Kleiner, M., "Subjective Perception of Sound Field Simulation and Variable Acoustics by some Passive and Electroacoustic Systems". Applied Acoustics 31 (1990) pp 197-205.
^*1993	Kleiner, M., R. Orłowski, Kirszenstein, J., "A Comparison between Results from a Physical Scale Model and a Computer Mirror Image Model for Architectural Acoustics." J. Applied Acoustics 38 (1993).
^*1993	Kleiner, M., Dalenbäck, B.-I., Svensson, P., "Auralization - An Overview" J. Audio Engineering Soc., Vol. 41, # 11, pp 861-875, 1993
1993	Dalenbäck, B.-I., Kleiner, M., Svensson, P., "The Audibility of Changes in Geometric Shape, Source Directivity, and Absorptive Treatment : Experiments in Auralization" J. Audio Engineering Soc., Vol. 41, # 11, pp 905-913, 1993.
1994	Dalenbäck, B.-I., Kleiner, M., P Svensson, "A Macroscopic View of Diffusion". J Audio Engineering Soc, Vol. 42,10, 793-807, October 1994.
1996	Granier, E., Kleiner, M., Dalenbäck, B.-I., P Svensson, "Experimental Auralization of Car Audio Installations". J Audio Engineering Soc, Vol. 44,10, 835-849, October 1996.
1997	Kleiner, M., H. Gustafsson, and J. Backman, "Measurement of Directional scattering using near-field acoustic holography and spatial transformation of sound fields". J Audio Engineering Soc, Vol. 45,5, 331-346, May 1997.
*2000	T. Johansson , Kleiner, M., "Prediction of the scattering properties of surfaces by laser scanning of height profile", J. Applied Acoustics 60 (2000) 205 – 223.
2000	Torres, R.R., Kleiner, M., B.-I. Dalenbäck, "Audibility of "Diffusion" in Room Acoustics Auralization: An Initial Investigation", Acta Acustica, Vol. 86 (May 2000)
2000	Västfjäll, D, Gärling, T., Friman, M., & Kleiner, M., "A Swedish mood adjective check list derived from the affective circumplex". International Journal of Psychology, 35, 318. (2000).

- 2001 Torres, R.R., Svensson, P., & Kleiner, M., "Computation of edge diffraction for more accurate room acoustics auralization", *J. Acoust. Soc. Am.*, Vol. 109, 2, pp 600-610, Feb, 2001.
- 2001 Larsson, P., Västfjäll D., & Kleiner, M., "The actor-observer effect in Virtual Reality presentations", *CyberPsychology and Behavior*, No 4, August., 2001 pp 239 - 246
- 2001 Västfjäll, D., Gärling, T. & Kleiner, M., "How do I like feeling this way? A core affect account for preferences for current mode", *Journal of Happiness Studies* No 2, Dec.2001 pp 237 – 354.
- 2001 T. Johansson & Kleiner, M., "Theory and experiments on the coupling of two Helmholtz resonators", *J. Acoust. Soc. Am.*, Vol. 110, 3, pp 1315-1328, Sep., 2001.
- 2001 Västfjäll, D., Gärling, T. & Kleiner, M., "Preferences for mood, emotional reactions, and anticipated emotional reactions" *Scand. J. Psych.*, in press.
- 2002 Västfjäll, D., Kleiner, M., & Gärling, T., "Affective reactions to and cognitive evaluations of interior aircraft sound quality". *Acta Acustica*.
- 2002 Västfjäll, D., Gulbol, M-A., Kleiner, M., & Gärling, T. (2002). Affective evaluations of and reactions to exterior and interior vehicle auditory quality. *Journal of Sound and Vibration*, 255, 501-518.
- 2002 Västfjäll, D., Friman, M., Gärling, T., & Kleiner, M., "The measurement of core affect: A Swedish self-report", *Scand. J. Psych.*, 43, 2002 pp 19 – 31.
- 2002 Larsson, P., Västfjäll D., & Kleiner, M., "Emotion and the auditory virtual environment: Affect based judgement of reverberation in auditory virtual environments", *CyberPsychology and Behavior*, No 5., 2002 pp 19 – 32
- 2002 Västfjäll, D. Gulbol, M.-A., Kleiner, M. & Gärling, T., "Affective reactions to and evaluations of interior and exterior vehicle audio quality", *J. Sound & Vibration*, 255 2002 pp 693 –701.
- 2003 Västfjäll, D., Kleiner, M., & Gärling, T., "Core affective reactions to interior aircraft sound and vibration", *Int. J. of Aviation Psych.*, 13, (2003) pp 33-46.
- 2003 Västfjäll, D., Kleiner, M., & Gärling, T., "Affective reactions to interior aircraft sound quality", *Acta Acustica*, 89 (2003) pp 693 – 701.
- 2003 Västfjäll, D., Gulbol, M-A., & Kleiner, M., "Wow, what car is that?, Evaluation of perceived exterior vehicle sound quality", *Noise Control Engineering J.*, 51 (2003) pp 275 – 285.
- 2004 Västfjäll, D., Gärling, T. & Kleiner, M., "Preferences for current mood, anticipated emotional reactions, and experienced emotional reactions", *Scand. J. Psych.*, 45 (2004) pp 27 – 36.
- 2005 Xiang, N., Daigle, J. N., and Kleiner, M., "Simultaneous acoustic channel measurement via maximal-length-related sequences", *J. Acoust. Soc. Am.*, 117, 2005, pp. 1889-1894.

Currently submitted articles to peer reviewed journals:

- 2002 Västfjäll, D., Kleiner, M. & Gärling, T., "Subjective reactions to noise and tonal components in interior aircraft sounds". Submitted for publication to J. Acoust. Soc. Am.
- 2003 Västfjäll, D. Larsson, P. & Kleiner, M., "Cross-modal interaction in SQ evaluation : Some experiments using the virtual aircraft", Submitted for publication to J. Sound and Vibration.
- 2004 Sköld, A., Västfjäll, D. & Kleiner, M., "Objective and subjective dimensions of interior sounds emerging from the powertrain", Submitted for publication to Acta Acustica.

Other publications

- 1975 Kleiner, M., "Artificial Head Stereophony - systems, room impression and audibility".
Radio & Television nr 10, 1975 . (in Swedish)
- 1988 Kleiner, M., Audio & Acoustics Compendium,
Dept. of Applied Acoustics, Chalmers University of Technology (in Swedish) (latest reviewed edition 1996)
- 1989 Kleiner, M., P. Åström, "Can vases speak?"
Humanistic Research at the University of Gothenburg , vol. 2 (1989) (in Swedish)
- 1990 Kleiner, M., "Build for high quality sound"
Research for a better acoustic environment. Swedish Council for Building Research.
#3:1990
- 1990 Kleiner, M., "An electrostatic headphone amplifier".
Audio Amateur, no 2, 1991.
- 1992 Kleiner, M., "Auralization: a DSP approach"
Sound & Video Contractor, Sep. 20, 1992.
- ^1993 Kleiner, M., P. Åström, "The Brittle Sound of Ceramics"
Archeology and Natural Science
- 1994 Kleiner, M., "Real Audio for Virtual Environments", Virtual Reality Magazine
- *1996 Kleiner, M., Svensson, P., "A short course on Auralization", ASA 1996
Course notes and audio samples on CD.
- 1997 Kleiner, M., "Sound Quality", course given by Ingemansson Technology AB,
Göteborg, Sweden (in Swedish) 1997.
- ^*1998 Kleiner, M., Svensson, P., "A short course on Auralization", ASA 1998
Course notes and extended audio samples on CD.
- 1997 Svensson, P., W. Kropp, Kleiner, M., "The sound generation mechanism of flue organ pipes", Research report of the Göteborg Organ Art Center, Vol 1, pp 99-120 (1999)
- 2001 Västfjäll, D., Gulbol, M.-A., Kleiner, M. & Larsson, P., "Subjektiv upplevelse av yttre ljudkvalité, Nytt om ljud, 8, pp. 2-4

Other:

- 1993 Guest editor for J. Audio Eng. Soc. Special Issue on Auralization, Vol. 41, # 11.

Research reports

Unless otherwise indicated all reports are in English.

- 1975 Kleiner, M., "Problems in room acoustics. Speech intelligibility and modulation attenuation".
Report 75-09 Dept. of Building Acoustics, Chalmers Univ. Techn. (in Swedish)
- 1978 Kleiner, M., "Planning of room acoustics using simulated sound fields".
Report 78-01 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1978 Kleiner, M., "The simulation equipment for studies of room acoustics at the Department of Building Acoustics, Chalmers Univ. Techn. (in Swedish)
Report 78-04 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1978 Kleiner, M., "Speech intelligibility in real and simulated sound fields".
Report 78-05 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1978 Kleiner, M., "A loudspeaker system for the simulation of sound fields in an anechoic chamber"
Report 78-07 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1978 Kleiner, M., Kirszenstein, J., "Audience noise - dynamic background level".
Report 78-08 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1978 Kleiner, M., "Studies of simulation techniques in room acoustics".
Report 78-09 Dept. of Building Acoustics, Chalmers Univ. Techn.
- 1979 Kleiner, M., Travel report from USA. (1979) (in Swedish)
- 1980 Kleiner, M., Kihlman, T., "Acoustic modelling techniques - Which accuracy is needed?".
Report 80-16 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1981 Kleiner, M et al : "Problems in acoustical alarm systems"
Report U81-1 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1981 Kleiner, M., Asztely, J., "Studies of problems in using personal noise dose meters
Arbetskyddstyrelsen 1981:27 (1981) (in Swedish)
- 1982 Kleiner, M., "High power sound transmitter for acoustical alarm systems".
Report U82-1 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1983 Kleiner, M., " The Villa Silvén building - Suggestions for acoustical improvements"
Report U83-3 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1984 Kirszenstein, J., Kleiner, M., "Acoustical conditions in the main hall of the Gothenburg University".
Report U84-05 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1988 Kleiner, M., "Variable acoustics in auditoria"
Report National Swedish. Counc. Building Research 860758-5 (1988) (in Swedish)
- 1988 Kleiner, M., "Development of models for the acoustical planning of auditoria"
Report National Swedish. Counc. Building Research 840316-0 (1988) (in Swedish)
- 1989 Kirszenstein, J., Kleiner, M., "Acoustical conditions in Blå Hallen, (civic auditorium), Stockholm.
Report U89-05 Dept. of Building Acoustics, Chalmers Univ. Techn.(in Swedish)
- 1989 Kleiner, M., "A new high voltage transistor amplifier design for electrostatic transducers".
Report 89-02 Dept. of Applied Acoustics, Chalmers Univ. Techn.
- 1993 Kleiner, M., "Sound Quality in Propeller Driven Aircraft", Report for NUTEK,
Report F93-03, Dept. Applied Acoustics., Chalmers Univ. Techn.
- 1999 Västfjäll, D & Kleiner, M., "Cognitive and affective evaluation of interior aircraft sound and vibration quality". Report F00-01, Department of Applied Acoustics, Chalmers University of Technology.

2000 Larsson, P., Olsson, P., Västfjäll, D., & Kleiner, M., "Cross-Modal evaluation of room acoustic perception". Report F99-05, Department of Applied Acoustics, Chalmers University of Technology.

Conference proceedings papers

* indicates invited paper.

• indicates distinguished lecture.

^ indicates first authorship in co-written papers

Unless otherwise indicated all papers are in English.

- 1974 Kleiner, M., "Artificial listening heads".
Nordic Acoustics meeting, Lund, Sweden (in Swedish).
- 1975 Kleiner, M., "Problems in the design and use of dummy heads".
Audio Engineering Society convention, Zürich, Switzerland.
- ^1976 Kleiner, M., Kirszenstein, J., "Dynamic background level".
Nordic Acoustics meeting, Sandefjord, Norway (in Swedish).
- 1978 Kleiner, M., "Speech intelligibility in real and simulated sound fields".
96:th Acoustical Society of America meeting , Honolulu, USA.
- ^1980 Kleiner, M., Kihlman, T., "Acoustical modelling techniques".
Nordic Acoustics meeting -80 , Lund, Sweden (in Swedish).
- ^1980 Kleiner, M., Kihlman, T., "Scale models in room acoustics".
100th Acoustical Society of America meeting .
- ^1981 Kleiner, M., Asztely, J., "On the placement of personal noise meter microphones".
Inter-Noise 81 (9-33) , Amsterdam, Holland.
- 1984 Kleiner, M., "Electrodynamic acoustical alarm system".
Nordic Acoustics Meeting -Åbo, Finland(in Swedish).
- 1986 Berntson, A., Kleiner, M., "Early frontal plane reflections preferred for talkers".
12th Int. congress on Acoustics, Toronto, Canada.
- ^1987 Kleiner, M., Dalenbäck, B.-I., "Variable acoustics in auditoria".
Swedish Acoustical Society meeting,- Gothenburg, Sweden (in Swedish).
- *1989 Kleiner, M., "Rooms in rooms. Subjective Perception of Sound Field Simulation and Variable Acoustics by Means of Electroacoustic Reverberation Enhancement".
Int. Symposium on Environmental Acoustics. Kobe, Japan.
- *^1990 Kleiner, M., Svensson, P., Dalenbäck, B.-I., "Auralization - Experiments in Acoustical CAD". 89:th Audio Engineering Society convention, Los Angeles, USA.
- ^1991 Kleiner, M., Svensson, P., Dalenbäck, B.-I., "Influence of auditorium reverberation on the perceived quality of electroacoustic reverberation enhancement".
90:th Audio Engineering Society convention, Paris, France.
- 1991 Kleiner, M., "WaveCracker - A new tool for vibration measurements using Macintosh computers". PC-measurements symposium, Skokloster, Sweden. (in Swedish).
- *1991 Kleiner, M., Svensson, P., "PC-simulation of reverberation enhancement systems".
Active Sound Field Control - Acoustical Society of Japan. 1991.
- *^1991 Kleiner, M., Svensson, P., "Subjective and objective assessment of some reverberation enhancement systems".
121:st Acoustical Society of America meeting , Baltimore, U.S.A.
- *1991 Svensson, P., Kleiner, M., "Room reverberation measurement by conventional methods and by the MLSSA measurement system".
121:st Acoustical Society of America meeting, Baltimore, U.S.A.
- 1991 Svensson, P., Kleiner, M., Kihlman, T., "Application of the MLS technique in Room Acoustical Measurement". 9:th FASE, Budapest, Hungary.
- *1991 Dalenbäck, B.-I., Kleiner, M., Svensson, P., "The Audibility of Changes in Geometric Shape, Source Directivity, and Absorptive Treatment : Experiments in Auralization"
91:th Audio Engineering Society convention, New York, U.S.A.

- *^1991 Kleiner, M., Dalenbäck, B.-I., Svensson, P., "Auralization - An Overview"
91:th Audio Engineering Society convention, New York, U.S.A.
- *^1991 Kleiner, M., Orłowski, R., Kirszenstein, J., "A Comparison between Results from a Physical Scale Model and a Computer Mirror Image Model for Architectural Acoustics."
Int. Symposium Computer Modelling and Prediction of Objective and Subjective Properties of Sound Fields in Rooms. Copenhagen and Gothenburg.
- *1991 Kihlman, T., Kleiner, M., Dalenbäck, B.-I., Svensson, P., "Room acoustics with and without advanced audio systems. Studies of room acoustics simulation and the performance of electro acoustic reverberation enhancement systems". Paper submitted for presentation in Bangkok, Thailand. Participation cancelled due to the Middle East war.
- ^1991 Kleiner, M., Berg, P.-Å., "Radiation Properties of some Multipole Exhaust System Configurations". Inter-Noise 91, Sydney, Australia,
- 1991 Svensson, P., Kleiner, M., Dalenbäck, B.-I., "Computer Simulation of Electroacoustic Reverberation Enhancement Systems".
122:nd Acoustical Society of America meeting , Houston, U.S.A.
- *^1992 Kleiner, M., Dalenbäck, B.-I., Svensson, P., "From Architect's Visualization to Acoustician's Auralization"
Conf. Inst. of Acoust., Birmingham, United Kingdom
- *1992 Svensson, P., Kleiner, M., Dalenbäck, B.-I., "Variable Acoustics for Auditoria - a Simulation Study"
II Int. Conf., Vilnius, Lithuania
- *1992 Svensson, P., Kleiner, M., Dalenbäck, B.-I., "Auralization - True Acoustical CAD"
II Int. Conf., Vilnius, Lithuania
- 1992 Svensson, P., Dalenbäck, B.-I., Kleiner, M., "Simulating Modern Systems for Electroacoustic Reverberation Enhancement"
Nordic Acoustical Meeting, Oslo, Norway
- 1992 Svensson, P., Kleiner, M., Dalenbäck, B.-I., "Current and Future Uses of Auralization - The New Tool in Room Acoustics"
Nordic Acoustical Meeting, Oslo, Norway
- *^1992 Kleiner, M., Dalenbäck, B.-I., Svensson, P., "Auralization of QRD and Other Diffusing Surfaces using Scale Modelling"
93:rd Audio Engineering Society convention, San Fransisco, U.S.A.
- *1992 Dalenbäck, B.-I., Kleiner, M., Svensson, P., "A Study of Periodically Time-Variant Electroacoustic Reverberation Enhancement and Public Address Systems"
93:rd Audio Engineering Society convention, San Fransisco, U.S.A.
- *1992 Dalenbäck, B.-I., Svensson, P., Kleiner, M., "Room Acoustic Prediction and Auralization Based on an Extended Image Source Model".
124:th Acoustical Society of America meeting , New Orleans, U.S.A.
- 1992 Dalenbäck, B.-I., P Svensson, Kleiner, M., "Prediction and auralization based on a combined image source/ray-model"
International Conference on Acoustics (ICA), Beijing, China.
- ^1993 Kleiner, M., Lahti, H., "Computer Prediction of Low Frequency SPL Variations in Rooms as a Function of Loudspeaker Placement".
94:th Audio Engineering Society convention , Berlin, Germany.
- *1993 Dalenbäck, B.-I., Kleiner, M., Svensson, P., "A Macroscopic View of Diffusion"
95:th Audio Engineering Society convention, New York, U.S.A.
- *^1993 Kleiner, M., Granier, E., Dalenbäck, B.-I., Svensson, P., "Auralization of Small Rooms and Chambers"
95:th Audio Engineering Society convention, New York, U.S.A.

- ^1993 Kleiner, M., Falk, P., Olsson, B., "A Comparison of Three Concert Halls Using Impulse Response Spectrograms"
125:th Acoustical Society of America meeting , Denver, U.S.A.
- ^1994 Kleiner, M., Svensson, P., Dalenbäck, B.-I., "Audibility of individual characteristics in reverberation tails of a concert hall".
127th Acoustical Society of America meeting, Cambridge, USA.
- 1994 Svensson, P., Kleiner, M., Dalenbäck, B.-I., "Early energy relations in electroacoustic reverberation enhancement systems".
127th Acoustical Society of America meeting, Cambridge, USA.
- ^1995 Kleiner, M., Granier, E., "Experimental Auralization of Car Audio Installations".
98:th Audio Engineering Society convention, Paris, France.
- *1995 Kleiner, M., "Vart går rumsakustiken?",
Swedish Acoustical Society meeting, Stockholm, Sweden (in Swedish).
- *1995 Kleiner, M., "Wavelets - Ett alternativ till spektrogram?".
The Swedish Vibration Association (SVIB) "Givarseminarium - Från givare till rapport", Ronneby, April 1995 (in Swedish).
- *^1995 Kleiner, M., Dalenbäck, B.-I., and Svensson, P., " Auralization : Acoustical Rendering".
CIARM 95, 2nd International Conference on Acoustic and Musical Research, Ferrara, Italy, May 19 - 21, 1995.
- *^1995 Kleiner, M., Granier, E., B.-I. Dalenbäck , and Svensson, P., "Coupling of Low and High Frequency Models in Auralization".
15th Int. Congress on Acoustics, Trondheim, Norway, June 26 - 30, 1995.
- ^1995 Kleiner, M., Svensson, P., "A review of active systems in room acoustics and electroacoustics". Invited plenary lecture at
Int. Symp. on Active Control of Sound and Vibration, Newport Beach, California, USA, July 1995.
- *1995 Svensson, P., Kleiner, M., Nielsen, J. L., "The use of time-varying filters for acoustic feedback control".
Int. Symp. on Active Control of Sound and Vibration, Newport Beach, California, USA, July 1995.
- *^1995 Kleiner, M., Gustafsson, H., and Backman, J., "Measurement of Directional scattering using near-field acoustic holography and spatial transformation of sound fields".
99:th Audio Engineering Society convention, New York, USA, October 1995.
- 1996 B.-I. Dalenbäck, Kleiner, M., Svensson, P., "Auralization, virtually everywhere". 100th Audio Engineering Society Convention, Copenhagen, Denmark, May 1996.
- ^1996 Kleiner, M., Svensson, P., "Characterisation of scattering using near field acoustical holography". InterNoise 96, Liverpool, England, August 1996.
- *^1997 Kleiner, M., Svensson, P., Dalenbäck, B.-I., "Experience of auralization as a teaching tool in room acoustics teaching", Invited paper, Int. Symp. on Simulation, Visualization and Auralization for Acoustic Research and Education, Tokyo, Japan, April 1997.
- *1997 Pietrzyk, A., Kleiner, M., "The application of the Finite Element Method to the Prediction of Sound Fields in Small Rooms", 102nd Audio Engineering Society Convention, Copenhagen, Munich, March 1997.
- 1997 Torres, R.R., Kleiner, M., Svensson, P., Dalenbäck, B.-I., "Audibility of room response smoothing with respect to reflection number,"
Proc., Inst. of Acoust., Vol.19, Part 3 (1997)
- 1997 Torres, R.R., Kleiner, M., Svensson, P., "Computation of impulse response for stage-house geometries with use of edge-diffraction models," *J. Acoust. Soc. Am.*, 101(5), Pt. 2, p. 3134 (133rd Meeting of ASA May 1997).

- 1998 Rioux, V., Yokota, M., Västfjäll, D., M. Scholz, Kleiner, M., "Preliminary study of an organ builder's perception of flue pipe sound", *Proc. Int. Symp. Musical Acoust.*, Edinburgh, August 1998 pp 174-180.
- 1998 Torres, R.R., & Kleiner, M., "Audibility of Edge Diffraction in Auralization of a Stage House", *J. Acoust. Soc. Am.*, June 1998.
- 1998 Rioux, V., Kleiner, M., Yokota, M., "Harmonics+noise extraction: A tool for description of flue organ pipe sounds", *Proc. Nordic Acoust. Soc. meeting*, Stockholm, July 1998.
- ^*1998 Kleiner, M., Lindgren, C., "Objective characterization of audio sound fields in automotive spaces", *Proc. Audio Eng. Soc. 15th conference*, Copenhagen, Denmark, October 1998.
- 1998 Västfjäll, D., Kleiner, M., "Improving the effectiveness of musical mood induction by means of advanced sound reproduction systems: Preliminary results". *Proc. Geneva Emotion Week*, Geneva, Switzerland, May 1998.
- 1998 Västfjäll, D. & Kleiner, M. Sound quality: Do we base our decisions on emotions? *Proc. of NAM 98*. pp. 221-226, 1998.
- 1999 Torres, R.R., Kleiner, M., Svensson, P., "Application of scattering models toward room acoustics auralization", *Int Conf Theoretical and Computational Acoustics Trieste*, Italy, May 2000.
- 1999 Torres, R.R., Kleiner, M., "Considerations for including surface scattering in auralization", *Proc. Forum Acusticum*, Berlin, March 1999.
- 1999 Rioux, V., Yokota, M., Västfjäll, D. & Kleiner, M., "Noise quality of transient sounds: perception of "hiss" in a flue organ pipe". *Proc. Forum Acusticum 1999*.
- 1999 Scholz, M., Rioux, V., Västfjäll, D., Kleiner, M., "Psychat - A program for psychoacoustical tests". *Proc. Forum Acusticum, 1999, Acta Acustica 85*, p 364.
- 1999 Västfjäll, D. & Kleiner, M., & Ingvarsson, A., "Affective judgment of interior aircraft sound quality". *Proc. Forum Acusticum 1999, Acta Acustica 85*, p 364.
- 1999 Västfjäll, D. Gärling, T., Kleiner, M., "Anticipated emotional outcomes of decisions". *SPUDM 17*, Mannheim, 1999.
- ^1999 Kleiner, M., Västfjäll, D., & Kristoffersen, R., "Subjectively perceived sound quality of loudspeakers". *Proc. Audio Eng. Soc. München*, 1999.
- 1999 Torres, R.R., Kleiner, M., B.-I. Dalenbäck, "An initial investigation of the audibility of diffusion in auralization", *Proc. Inst Acoustics*, Vol 21, pp 207-215, October 2000.
- 1999 Kleiner, M., M. Ekholm, Torres, R.R., "A comparison of auralization of a church by use of full-scale and reduced-scale measurements, and computer modeling" (invited), First Meeting of Tech. Committee on "Room and Building Acoustics" of the EAA, PTB Braunschweig (November 1999).
- 1999 Torres, R.R., Kleiner, M., B.-I. Dalenbäck, "An initial investigation of the audibility of diffusion in auralization" (invited), First Meeting of Tech. Committee on "Room and Building Acoustics" of the EAA, PTB Braunschweig (November 1999).
- 2000 Larsson, P, Olsson, C, Västfjäll, D, Kleiner, M, & Dalenbäck, B-I., "Subjective testing of reverberation enhancement systems using virtual reality". *Proc. Int. Conf. Auditory Displays*, Atlanta, 2000.
- 2000 Larsson, P, Västfjäll, D, Kleiner, M, & McFaul, K., "Virtual acoustics", *Nordic Conf. on Virtual Soundscapes*, Skövde, Sweden, Sept 22-24, (2002).
- 1999 Gärling, T, Västfjäll, D., Friman, M., & Kleiner, M., "A Swedish mood adjective check list derived from the affective circumplex". *Proc. Int. Conf. Psych.* 2000
- *2000 Torres, R.R, Natsopoulos, G., Kleiner, M., "Room acoustics auralization with boss-model scattering, compared with a Lambert diffusion model", *Intl. Symposium on Surface Diffusion in Room Acoustics* (April 2000).

- 2000 Västfjäll, D., Gärling, T., Friman, M., & Kleiner, M., "A Swedish mood adjective check list derived from the affective circumplex". *Int. J. Psychology*, 35, 2001, p 318.
- 2001 Torres, R.R., Svensson, P., & Kleiner, M., "Audibility of diffraction", *Acoust. Soc. Am.* meeting June 2001.
- 2001 Larsson, P., Västfjäll, D., Kleiner, M., "Ecological acoustics and the multi-modal perception of rooms: real and unreal experiences of auditory-visual virtual environments.", *Int. Conf. on Auditory Displays*, Espoo, Finland, July-August, 2001.
- 2001 Västfjäll, D., Kleiner, M., & Gärling, T., "Affective reactions to and cognitive evaluations of interior aircraft sound quality". Proceedings of *Internoise 2001*.
- 2001 Gulbol, M.-A., Västfjäll, D. & Kleiner, M., "Design of a specific subjective test to characterize the sound quality of exterior car sounds: a preliminary study", Proceedings of *Internoise 2001*
- 2001 Larsson, P., Västfjäll, D., Kleiner, M., "Do we really live in a silent world? The (mis)-use of audio in virtual environments." *Applied Virtual Reality in Engineering and Construction*, Chalmers, October 2001.
- *2001 Kleiner, M., "Auralization", Plenary lecture 17th *Int. Congress on Acoust.*, Rome, Sept 2001.
- 2001 Västfjäll, D., Västfjäll, M., Gulbol, M.-A., & Kleiner, M., T., "Auditory appraisal of urban soundscapes." 17th *Int. Congress on Acoust.*, Rome, Sept 2001.
- 2001 Larsson, P., Västfjäll, D.; & Kleiner, M.,: "Are your ears there? Audio design for virtual environments." *Eur. Presence Res. Conf.* 2001, Technical University Eindhoven, Holland, October 9-10, 2001
- 2002 Larsson, P., Västfjäll, D. & Kleiner, M., "Better presence and performance in virtual environments by improved binaural sound rendering" AES 22nd International conference on virtual, synthetic and entertainment audio, Espo, Finland June 2002
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