

Publikationsliste

for Søren Krarup Olesen

Evaluering af Sten-O Starter og VR-kost, Ved Steno Diabetes Center Nordjylland

Thoft, D. S., Nielsen, B. K., Olesen, S. K. & Enggaard, H., v. Professionshøjskolen UCN, jul. 2022, 62 s.

Publikation: Bog/antologi/afhandling/rapport › Rapport › Forskning

On the influence of transfer function noise on sound zone control in a room

Møller, M. B., Nielsen, J. K., Fernandez Grande, E. & Olesen, S. K., 6 jun. 2019, I : IEEE/ACM Transactions on Audio, Speech, and Language Processing. vol. 27, no. 9

Publikation: Bidrag til tidsskrift › Tidsskriftartikel › Forskning › peer review

On the influence of transfer function noise on low frequency pressure matching for sound zones

Møller, M. B., Nielsen, J. K., Fernandez Grande, E. & Olesen, S. K., 8 jul. 2018, 2018 IEEE 10th Sensor Array and Multichannel Signal Processing Workshop, SAM 2018. IEEE, Bind 2018-July. s. 331-335 5 s. 8448689. (I E E E Workshop on Sensor Array and Multichannel Signal Processing).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

A low-frequency noise measurement and recording device for occupant operation

Pedersen, C. S., Møller, H., Christensen, F., Olesen, S. K. & Nielsen, S. B., 19 nov. 2017, Acoustics 2017, Perth: Sound, Science and Society: Proceedings of the Annual Conference of the Australian Acoustical Society. Perth, Australia: The Australian Acoustical Society, 10 s. p54. (Proceedings of the Annual Conference of the Australian Acoustical Society).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

LF lydmåler: Documentation of calibration

Pedersen, C. S., Olesen, S. K. & Christensen, F., 16 feb. 2016, 110 s.

Publikation: Bog/antologi/afhandling/rapport › Rapport › Forskning

Auralization of vehicle sound using a car audio system: Part 1

Pedersen, C. S., Christensen, F., Olesen, S. K., Lydolf, M., Bech, S., Song, W. & Dirks, G., 11 jan. 2015, DTU, Lyngby: Danish Sound Innovation Network. 25 s.

Publikation: Bog/antologi/afhandling/rapport › Rapport › Forskning

Method and device for modelling room acoustic based on measured geometrical data

Hammershøi, D., Olesen, S. K. & Markovic, M., 2014, IPC nr. DK2014/050064, Patentnr. WO 2014/146668, 25 sep. 2014, Prioritetsdato 18 mar. 2013

Publikation: Patent › Forskning

Fast rendering of scanned room geometries

Olesen, S. K., Markovic, M. & Hammershøi, D., 2 jun. 2014, Proceedings of BNAM 2014. Lokki, T. & Tahvanainen, H. (red.). Nordic Acoustic Association, s. 422-428 (Joint Baltic-Nordic Acoustics Meeting (BNAM), Proceedings).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Evaluation of voxel-based rendering of high resolution surface descriptions

Hammershøi, D., Olesen, S. K. & Markovic, M., 7 sep. 2014, Proceedings of Forum Acusticum 2014. European Acoustics Association - EAA, 7 s. R05_8

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Three-dimensional point-cloud room model for room acoustics simulations

Markovic, M., Olesen, S. K. & Hammershøi, D., 2013, I : Meetings on Acoustics. Proceedings. 19, 7 s.

Publikation: Bidrag til tidsskrift › Konferenceartikel i tidsskrift › Forskning › peer review

Room acoustics modeling using a point-cloud representation of the room geometry

Markovic, M., Olesen, S. K. & Hammershøi, D., 2013, Proceedings of International Symposium on Room Acoustics: ISRA 2013. Canadian Acoustical Association, 6 s.

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Audio system using binaural synthesis for multimodal telepresence applications

Madsen, E., Markovic, M., Olesen, S. K., Hoffmann, P. F. & Hammershøi, D., 2013, Proceedings of the International Conference on Acoustics AIA-DAGA 2013. Berlin: Deutsche Gesellschaft für Akustik e.V. (DEGA)

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceabstrakt i proceeding › Forskning › peer review

Three-dimensional point-cloud room model in room acoustics simulations

Markovic, M., Olesen, S. K. & Hammershøi, D., 2013, I : The Journal of the Acoustical Society of America. 133, 5, s. 3532-3532

Publikation: Bidrag til tidsskrift › Konferenceabstrakt i tidsskrift › Forskning › peer review

Spatial sound rendering of a playing xylophone for the telepresence application

Markovic, M., Madsen, E., Hoffmann, P. F., Olesen, S. K. & Hammershøi, D., 2013, Proceedings of the International Conference on Acoustics AIA-DAGA 2013. Berlin: Deutsche Gesellschaft für Akustik e.V. (DEGA)

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3D sound in the telepresence project BEAMING

Olesen, S. K., Markovic, M., Madsen, E., Hoffmann, P. F. & Hammershøi, D., 2012, Proceedings of BNAM2012. Juhl, P. (red.). Odense: Nordic Acoustic Association, 4 s. (Joint Baltic-Nordic Acoustics Meeting (BNAM), Proceedings).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Evaluation of dynamic binaural reproduction system for live transmitted xylophone recording

Madsen, E., Markovic, M., Olesen, S. K., Hoffmann, P. F. & Hammershøi, D., 2012, Proceedings of Acoustics 2012 Hong Kong. The Hong Kong Institute of Acoustics (HKIOA), s. 107-107

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceabstrakt i proceeding › Forskning › peer review

Calibration aspects of binaural sound reproduction over insert earphones

Hoffmann, P. F., Markovic, M., Olesen, S. K., Madsen, E. & Hammershøi, D., 2012, Proceedings of Acoustics 2012 Hong Kong. The Hong Kong Institute of Acoustics (HKIOA), s. 107-107

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BEAMING teaching application: Recording techniques for spatial xylophone sound rendering

Markovic, M., Madsen, E., Olesen, S. K., Hoffmann, P. F. & Hammershøi, D., 2012, Proceedings of Acoustics 2012 Hong Kong. The Hong Kong Institute of Acoustics (HKIOA), s. 107-107

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BEAMING teaching application: Recording techniques for spatial xylophone sound rendering

Markovic, M., Madsen, E., Olesen, S. K., Hoffmann, P. F. & Hammershøi, D., apr. 2012, I : The Journal of the Acoustical Society of America. 131, 4, Pt. 2, s. 3255-3255 *Publikation: Bidrag til tidsskrift ›*

Konferenceabstrakt i tidsskrift › Forskning › peer review

Evaluation of dynamic binaural reproduction system for live transmitted xylophone recording

Madsen, E., Markovic, M., Olesen, S. K., Hoffmann, P. F. & Hammershøi, D., apr. 2012, I : The Journal of the Acoustical Society of America. 131, 4, Pt. 2, s. 3255-3255

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Calibration aspects of binaural sound reproduction over insert earphones

Hoffmann, P. F., Markovic, M., Olesen, S. K., Madsen, E. & Hammershøi, D., apr. 2012, I : The Journal of the Acoustical Society of America. 131, 4, Pt. 2, s. 3255-3255

Publikation: Bidrag til tidsskrift › Konferenceabstrakt i tidsskrift › Forskning › peer review

Usage of measured reverberation tail in a binaural room impulse response synthesis

Markovic, M., Olesen, S. K., Madsen, E., Hoffmann, P. F. & Hammershøi, D., 2011, Proceedings of Forum Acusticum 2011. D. A. S. (red.). European Acoustics Association - EAA, s. 1941-1946 (Forum Acusticum).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Usage of measured reverberation tail in a binaural room impulse response synthesis

Markovic, M., Olesen, S. K., Madsen, E., Hoffmann, P. F. & Hammershøi, D., 2011, I : Acta Acustica. 97, Supplement 1, s. S 122

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Setup for demonstrating interactive binaural synthesis for telepresence applications

Madsen, E., Olesen, S. K., Markovic, M., Hoffmann, P. F. & Hammershøi, D., 2011, Proceedings of Forum Acusticum 2011. D. A. S. (red.). European Acoustics Association - EAA, s. 1281-1286 (Forum Acusticum).

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

Setup for demonstrating interactive binaural synthesis for telepresence applications

Madsen, E., Olesen, S. K., Markovic, M., Hoffmann, P. F. & Hammershøi, D., 2011, I : Acta Acustica. 97, Supplement 1, s. S 90

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Capturing blocked-entrance binaural signals from open-entrance recordings

Hammershøi, D., Hoffmann, P. F., Olesen, S. K. & Rubak, P., 2008, I : *Acustica United with Acta Acustica*. 94, Suppl. 1

Publikation: Bidrag til tidsskrift › Konferenceabstrakt i tidsskrift › Forskning

Capturing blocked-entrance binaural signals from open-entrance recordings

Hammershøi, D., Hoffmann, P. F., Olesen, S. K. & Rubak, P., 2008, I : *Journal of the Acoustical Society of America*. 123, 5, pt. 2

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Capturing blocked-entrance binaural signals from open-entrance recordings

Hammershøi, D., Hoffmann, P. F., Olesen, S. K. & Rubak, P., 2008, *Proceedings of Acoustics '08*. Société Française d'Acoustique, s. 1603-1607

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning › peer review

On the audibility of all-pass phase in electroacoustical transfer functions

Møller, H., Minnaar, P., Olesen, S. K., Christensen, F. & Plogsties, J., 2007, I : *Journal of the Audio Engineering Society*. 55, 3, s. 115-134

Publikation: Bidrag til tidsskrift › Tidsskriftartikel › Forskning › peer review

Indoor measurements of sound at low frequencies

Pedersen, S., Møller, H., Persson-Waye, K. & Olesen, S. K., 2006, *Proceedings of Low Frequency 2006: 12th International Meeting on Low Frequency Noise and Vibration and its Control*. s. 251-270

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

Measurement of low-frequency noise in rooms

Pedersen, S., Møller, H., Persson-Waye, K. & Olesen, S. K., 2006, *Proceedings of Inter-Noise 2006: The 35th International Congress and Exposition on Noise Control Engineering*. Institute of Noise Control Engineering of the USA, Inc., 10 s.

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

Sound localization with binaural recordings made with artificial heads

Minnaar, P., Olesen, S. K., Christensen, F. & Møller, H., 2004, *Proceedings of ICA2004*,. s. 3651-3654 4 s.

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The perception of all-pass components in transfer functions

Minnaar, P., Plogsties, J., Olesen, S. K., Christensen, F. & Møller, H., 2002, *Proceedings of Forum Acusticum 2002*, September 16-20, 2002, Sevilla, Spain. s. 6

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Acoustical room simulation and the influence of rooms in binaural auralization

Olesen, S. K., 2002, I : *Acustica United with Acta Acustica*. 88, 3, May/June, s. 286

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Localization with binaural recordings from artificial and human heads

Minnaar, P., Olesen, S. K., Christensen, F. & Møller, H., 2001, I : Journal of the Audio Engineering Society. 49, 5, s. 323-336

Publikation: Bidrag til tidsskrift › Tidsskriftartikel › Forskning › peer review

Acoustical room simulation and the influence of rooms in binaural auralization

Olesen, S. K., 2001, Aalborg: Aalborg Universitetsforlag.

Publikation: Bog/antologi/afhandling/rapport › Ph.d.-afhandling › Forskning

The importance of head movements for binaural room synthesis

Minnaar, P., Olesen, S. K., Christensen, F. & Møller, H., 2001, Proceedings of ICAD 2001, July 29-August 1, Espoo, Finland.

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The interaural time difference in binaural synthesis

Minnaar, P., Plogsties, J., Olesen, S. K., Christensen, F. & Møller, H., 2000, Proceedings of the 108th Audio Engineering Society Convention. s. 1-20

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

Audibility of all-pass components in head-related transfer functions

Plogsties, J., Olesen, S. K., Minnaar, P., Christensen, F. & Møller, H., 2000, Proceedings of 108th Audio Engineering Society Convention. s. 1-14

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

The directional resolution needed when measuring head-related transfer functions

Plogsties, J., Minnaar, P., Christensen, F., Olesen, S. K. & Møller, H., 2000

Publikation: Bog/antologi/afhandling/rapport › Bog › Forskning

An improved MLS measurement system for acquiring room impulse responses

Olesen, S. K., Plogsties, J., Minnaar, P., Christensen, F. & Møller, H., 2000, Proceedings of NORSIG 2000, IEEE Nordic Signal Processing Symposium. s. 117-120

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

The importance of head movements for binaural room synthesis - a pilot experiment

Minnaar, P., Plogsties, J., Olesen, S. K., Christensen, F. & Møller, H., 2000

Publikation: Bog/antologi/afhandling/rapport › Bog › Forskning

Interpolating between head-related transfer functions measured with low directional resolution

Christensen, F., Møller, H., Minnaar, P., Plogsties, J. & Olesen, S. K., 1999, Proceedings of 107th Audio Engineering Society Convention, September 24-27, 1999, New York, USA.

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Audibility of all-pass components in binaural synthesis

Minnaar, P., Christensen, F., Møller, H., Olesen, S. K. & Plogsties, J., 1999, Proceedings of 106th Audio Engineering Society Convention, May 8-11, 1999, Munich, Germany.

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Determination of optimal HRTF's for binaural synthesis

Christensen, F., Møller, H., Olesen, S. K. & Minnaar, P., 1999, I : Journal of the Acoustical Society of America. 105, 2,Pt.2: Abstract

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Distribution of low frequency sound levels in rooms

Olesen, S. K. & Møller, H., 1998, Proceedings of the 1998 International Congress on Noise Control Engineering, Internoise 98, November 16-18, 1998, Christchurch, New Zealand. s. 377-380

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Sound pressure distribution in rooms at low frequencies

Olesen, S. K. & Møller, H., 1998, Proceedings of NAM 98, Nordic Acoustical Meeting, September 6-9, 1998, Stockholm, Sweden: ISRN KTH - BYT/R - 98/176 - SE. s. 81-84

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Human sound localization with artificial head recordings

Minnaar, P., Olesen, S. K., Christensen, F. & Møller, H., 1998, Proceedings of NAM 98, Nordic Acoustical Meeting, September 6-9, 1998, Stockholm, Sweden: ISRN KTH - BYT/R - 98/176 - SE. s. 301-304

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Localisation tests of binaural recording systems

Møller, H., Minnaar, P., Olesen, S. K. & Christensen, F., 1998

Publikation: Bog/antologi/afhandling/rapport › Bog › Forskning

A cubical approach to the ray-tracing algorithm

Olesen, S. K., 1997, Proceedings of the Second International Conference on Computational Acoustics and its environmental Applications, COMPAC 97, June 4-6, 1997, Acquasparta, Italy. s. 31-40

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

Low frequency room simulation using finite difference equations

Olesen, S. K., 1997, Proceedings of 102nd Audio Engineering Society Convention, March 22-27, 1997, Munich, Germany.

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

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Sandvad, J., Christensen, F., Olesen, S. K. & Møller, H., 1997, I : Journal of the Acoustical Society of America. 102, 5,Pt.2: Abstract

Publikation: Bidrag til tidsskrift › Tidsskriftartikel › Forskning › peer review

Subjective evaluation of space discretized ray-tracing

Olesen, S. K., 1997, I : Journal of the Acoustical Society of America. 102, 5,Pt.2: Abstract

Publikation: Bidrag til tidsskrift › Tidsskriftartikel › Forskning › peer review

Room simulation: A high-speed model for virtual reality audio

Olesen, S. K., 1996, Proceedings of Nordic Acoustical Meeting, NAM'96, Helsinki, Finland, June 12-14, 1996. Finland, s. 339-342

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

An integer based ray-tracing algorithm

Olesen, S. K., 1996, Proceedings of 100th Audio Engineering Society Convention, Copenhagen, May 11-14, 1996.

Publikation: Bidrag til bog/antologi/rapport/konference proceeding › Konferenceartikel i proceeding › Forskning

Heltalsbaseret rumsimulering

Olesen, S. K., 1995, Danske Akustiske Dage, Århus, January 7-8.

No written version. Put here for nostalgic reasons only, as my first "scientific" oral presentation.