List of publications

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1 Journal papers

B. De Man, K. McNally, and J. D. Reiss, "Perceptual Evaluation and Analysis of Reverberation in Multitrack Music Production," *Journal of the Audio Engineering Society*, vol. 65, pp. 108–116, January/February 2017.

B. De Man and J. D. Reiss, "Analysis of peer reviews in music production," *Journal on the Art of Record Production*, vol. 10, July 2015.

Z. Ma, B. De Man, P. D. Pestana, D. A. A. Black, and J. D. Reiss, "Intelligent multitrack dynamic range compression," *Journal of the Audio Engineering Society*, vol. 63, pp. 412–426, June 2015.

B. De Man and J. D. Reiss, "A semantic approach to autonomous mixing," *Journal on the Art of Record Production*, vol. 8, December 2013.

2 Conference papers (peer reviewed)

R. Stables, B. De Man, S. Enderby, J. D. Reiss, G. Fazekas and T. Wilmering, "Semantic Description of Timbral Transformations in Music Production," in *Proceedings of the ACM International Conference on Multimedia*, October 2016.

N. Jillings, B. De Man, D. Moffat, J. D. Reiss and R. Stables, "Subjective comparison of music production practices using the Web Audio Evaluation Tool," *2nd AES Workshop on Intelligent Music Production*, September 2016.

B. De Man and J. D. Reiss, "The Open Multitrack Testbed: Features, content and use cases," *2nd AES Workshop on Intelligent Music Production*, September 2016.

N. Jillings, B. De Man, D. Moffat, J. D. Reiss and R. Stables "Web Audio Evaluation Tool: A framework for subjective assessment of audio," in *2nd Web Audio Conference*, April 2016.

N. Jillings, D. Moffat, B. De Man, and J. D. Reiss, "Web Audio Evaluation Tool: A browser-based listening test environment," in *12th Sound and Music Computing Conference*, Maynooth, Ireland, July 2015.

B. De Man, B. Leonard, R. King, and J. D. Reiss, "An analysis and evaluation of audio features for multitrack music mixtures," in *15th International Society for Music Information Retrieval Conference (ISMIR 2014)*, Taipei, Taiwan, October 2014.

R. Stables, S. Enderby, B. De Man, G. Fazekas, and J. D. Reiss, "SAFE: A system for the extraction and retrieval of semantic audio descriptors," in *15th International Society for Music Information Retrieval Conference (ISMIR 2014)*, Taipei, Taiwan, October 2014.

B. De Man and J. D. Reiss, "Adaptive control of amplitude distortion effects," in *53rd Conference of the Audio Engineering Society*, London, United Kingdom, January 2014.

3   Conference papers (extended abstract peer reviewed)

D. M. Ronan, B. De Man, H. Gunes, and J. D. Reiss, "The impact of subgrouping practices on the perception of multitrack mixes," in *139th Convention of the Audio Engineering Society*, New York City, NY, USA, October 2015.

B. De Man, M. Boerum, B. Leonard, G. Massenburg, R. King, and J. D. Reiss, "Perceptual evaluation of music mixing practices," in *138th Convention of the Audio Engineering Society*, Warsaw, Poland, May 2015.

B. De Man, M. Mora-Mcginity, G. Fazekas, and J. D. Reiss, "The Open Multitrack Testbed," in *137th Convention of the Audio Engineering Society*, Los Angeles, CA, USA, October 2014.

B. De Man and J. D. Reiss, "APE: Audio Perceptual Evaluation toolbox for MATLAB," in *136th Convention of the Audio Engineering Society*, Berlin, Germany, April 2014.

B. De Man and J. D. Reiss, "A knowledge-engineered autonomous mixing system," in *135th Convention of the Audio Engineering Society*, New York City, NY, USA, October 2013.

B. De Man and J. D. Reiss, "A pairwise and multiple stimuli approach to perceptual evaluation of microphone types," in *134th Convention of the Audio Engineering Society*, Rome, Italy, May 2013.

4   Book chapters

B. De Man and J. D. Reiss, "Crowd-sourced learning of music production practices through large-scale perceptual evaluation of mixes," in *Innovation in Music II* (R. Hepworth-Sawyer, J. Hodgson, J. L. Paterson, and R. Toulson, eds.), Future Technology Press, 2016.

5   Patents

M. Terrell, S. Mansbridge, J. D. Reiss, and B. De Man, "System and method for performing automatic audio production using semantic data," Mar. 5 2015. US Patent App. 14/471,758.