

Pierre Divenyi – PUBLICATIONS

Books

1. *Dynamics of Speech Production and Perception*, Divenyi, P.L., and G. Meyer, eds. IOS Press, Amsterdam (The Netherlands), to appear in 2005.
2. *Speech Separation by Humans and Machines*, Divenyi, P. L. (Ed.). Kluwer Academic Publishers, New York, NY, 2004.

Journal Articles and Book Chapters

1. Divenyi, P. L. (2005). Segregation of dynamically changing speech-like auditory streams. In *Dynamics of Speech Production and Perception*, P. L. Divenyi & G. Meyer (Eds.), Amsterdam, the Netherlands: IOS Press (in preparation).
2. Divenyi, P. L. (2004). Masking the feature-information in multi-stream speech-analogue displays. In P. L. Divenyi (Ed.), *Speech Separation by Man and Machine*, (pp. 269-281). New York: Kluwer Academic Publishers.
3. Divenyi, P. L. (2004). Frequency change velocity and acceleration detector: A bird or a red herring? In *Auditory Signal Processing: Physiology, Psychoacoustics, and Models*, D. Pressnitzer, A. de Cheveigné, S. McAdams, and L. Collet (Eds.), Springer, New York (in press).
4. Divenyi, P. L. (2004). The times of Ira Hirsh: Multiple ranges of auditory temporal perception. *Seminars in Hearing*, 25, 229-239.
5. Divenyi, P. L., Stark, P. B., and Haupt, K. M. (2004). Decline of speech understanding and auditory thresholds in the elderly. *Journal of the Acoustical Society of America*, (accepted).
6. Divenyi, P. L., and Brandmeyer, A. (2003). The “cocktail-party effect” and prosodic rhythm: Discrimination of the temporal structure of speech-like sequences in temporal interference. In M. J. Solé, D. Recasens, and J. Romero (Eds.), *Proceedings of the 15th International Congress of Phonetic Sciences* (pp. 2777-2780). Barcelona, Spain: The 15th ICPHS Organizing Committee.
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16. Divenyi, P. L., and Haupt, K. M. (1997). Audiological correlates of speech understanding deficits in elderly listeners with mild-to-moderate hearing loss. I. Age and laterality effects. *Ear and Hearing*, 18(1), 42-61.

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Abstracts and Reports

1. Divenyi, P. L. (2004). Informational masking of speech-analog signals: independence of prosodic-rhythmic and formant trajectory cues. *J Acoust Soc Am*, **115**(5), 2574.
2. Divenyi, P. L., Gygi, B., and Brandmeyer, A. (2004). *Dissection of the "cocktail-party effect": Informational masking of formant transitions in a speech-analog target by a speech-analog simultaneous distractor*. Paper presented at the Abstracts of the Twenty-seventh Midwinter Research Meeting, Association for Research in Otolaryngology, Daytona Beach, FL.
3. Gygi, B., and Divenyi, P. L. (2004). Identifiability of Time-Reversed Environmental Sounds. *Abstracts of the Twenty-seventh Midwinter Research Meeting, Association for Research in Otolaryngology*, 27.
4. Gygi, B., and Divenyi, P. L. (2003). Benefits of Streaming in Psychophysical Tasks. *Abstracts of the Twenty-sixth Midwinter Research Meeting, Association for Research in Otolaryngology*, 26, 223.
5. Divenyi, P. L., and Gygi, B. (2003). Some components of the "cocktail-party effect," as revealed when it fails. *J. Acoust. Soc. Am.*, **113**(6), 2236.
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