

January 31, 2014

Curriculum Vitae Tamás Böhm



Work Experience

- 2013 – : Software Developer
Ericsson Magyarország Kft.
- 2009 – 2013: Assistant Research Scientist; Research Scientist (from 2010)
Institute of Cognitive Neuroscience and Psychology
Research Centre for Natural Sciences
Hungarian Academy of Sciences
(earlier: Institute for Psychology, HAS)
- 2007 – 2013: Assistant Researcher; Assistant Professor, part-time (from 2009)
Department of Telecommunications and Media Informatics
Budapest University of Technology and Economics (BUTE)

Education and Degrees

- 2003 – 2010: **PhD in Computer Science** (summa cum laude)
Budapest University of Technology and Economics
- 2004 – 2005: **Fulbright Scholar**, visiting junior researcher in Electrical Engineering
Massachusetts Institute of Technology, Research Laboratory of Electronics
- 1998 – 2003: **Diploma (MSc) in Computer Science**
Budapest University of Technology and Economics
- 2002 : **exchange student** in Computer Science
University of New Hampshire, Department of Computer Science

Awards

- Dean's Faculty Honor, BUTE Faculty of Electrical Engineering and Informatics (2012)
- Husztí Dénes Memorial Award for Research in Acoustics (2009)
- Mérei Ferenc Publication Award, Hungarian Psychological Association (2007)
- Werner von Siemens Excellence Award for Master's Thesis (2003)
- Audio Engineering Society (Hungarian Chapter) Thesis Contest, 1st prize (2003)
- Scholarship of the Republic of Hungary (2001-2003)
- Scholarship of the BUTE (2001-2003)
- Scholarship of Timber Hill Corporation (2002-2003)
- Scholarship of the High-Speed Networks Laboratory (2001 - 2002)
- Scholarship of the BUTE Faculty of Electrical Engineering and Informatics (2001)
- Young Researchers' Conference (TDK) 2nd prize (2000)

Major Publications

Mill R W, Böhm T M, Bendixen A, Winkler I, Denham S L (2013): Modelling the Emergence and Dynamics of Perceptual Organisation in Auditory Streaming. PLOS COMPUTATIONAL BIOLOGY 9(3): Paper e1002925.

Böhm T M, Shestopalova L, Bendixen A, Andreou A G, Georgiou J, Garreau G, Poliquen P, Cassidy A, Denham S L, Winkler I (2013): The role of perceived source location in auditory stream segregation: Separation affects sound organization, common fate does not. LEARNING AND PERCEPTION 5:(suppl.2) pp. 55-72.

Winkler I, Denham S L, Mill R W, Böhm T M, Bendixen A (2012): Multistability in auditory stream segregation: a predictive coding view. PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B: BIOLOGICAL SCIENCES 367(1591): 1001-1012.

Böhm T M, Both Z, Németh G (2010): Automatic classification of regular vs. irregular phonation types. Proceedings of NOLISP 2009. Lecture Notes in Computer Science, vol. 5933, pp. 43-50.

Böhm T M, Shattuck-Hufnagel S (2009): Do listeners store in memory a speaker's habitual utterance-final phonation type? PHONETICA 66(3): 150-168.

Böhm T M, Audibert N, Shattuck-Hufnagel S, Németh G, Aubergé V (2008): Transforming modal voice into irregular voice by amplitude scaling of individual glottal cycles. Proceedings of ACOUSTICS 2008, Paris, pp. 6141-6146.