



**The First Nijmegen Speech Reduction Workshop:
Disappearing sounds**

15 - 17 June 2008

Max Planck Institute for Psycholinguistics
Nijmegen
The Netherlands

Organizers:

Mirjam Ernestus, Natasha Warner

Sponsored by:

European Young Investigator Award to Mirjam Ernestus

Max Planck Institute for Psycholinguistics

Radboud University Nijmegen

Program: The First Nijmegen Speech Reduction Workshop

| SUNDAY, June 15 | | |
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| 9:00-9:45 | Coffee | |
| 9:45-10:00 | Welcome | |
| 10:00-11:00 | Session 1 Klaus Kohler Danielle Duez | On the notion of ‘fine phonetic detail’ in communicative phonetic science: The case of speech reduction Variations in spontaneous French speech: An acoustic study of voiced and unvoiced plosives |
| 11:00-11:30 | Coffee break | |
| 11:30-13:00 | Session 2 Isabelle Racine Cecile Fougeron, Audrey Bürki, Cedric Gendrot & Ulrich Frauenfelder Audrey Bürki & Ulrich Frauenfelder | Schwa deletion in French: The role of variant frequency and orthography on spoken word recognition Schwa-zero alternation in French: Nature of the vowel, nature of the process Psycholinguistic investigation of the production of words with and without their schwa in French |
| 13:00-14:00 | Lunch | |
| 14:00-15:00 | Session 3 Kikuo Maekawa Holger Mitterer, Mirjam Ernestus & James McQueen | Allophonic variation of Japanese /z/ in spontaneous speech Different processing mechanisms for apparently similar reductions |
| 15:00-15:30 | Show and tell of sample reductions | |
| 15:30-16:00 | Coffee break | |
| 16:00-17:30 | Session 4 Oliver Niebuhr Susanne Brouwer, Holger Mitterer & Mirjam Ernestus Marco van de Ven, Mirjam Ernestus & Rob Schreuder | Identification of highly reduced words by differential segmental lengthening Lexical competition in casual speech: Evidence from eye-tracking The role of different types of context in the understanding of reduced words |
| 17:30-18:30 | Drinks | |

MONDAY, June 16

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| 9:00-9:30 | Coffee | |
| 9:30-11:00 | <p>Session 5 Rachel Smith & Mirjam Ernestus Leendert Plug Christine Meunier & Robert Espesser</p> | <p>Phonetic detail of highly reduced word forms: A case study of the Dutch <i>eigenlijk</i></p> <p>H&H in context: On phonetic reduction and pragmatic organisation in Dutch conversation</p> <p>Vowel reduction in conversational speech: is there a lexical effect?</p> |
| 11:00-11:30 | Coffee break | |
| 11:30-13:00 | <p>Session 6 Mikko Kurimo Martine Adda-Decker Helmer Strik</p> | <p>Large vocabulary continuous speech recognition of spontaneous speech</p> <p>Exploring production variation in large oral corpora using automatic speech recognition systems: methodological aspects and results</p> <p>Corpus-based research on reduction in extemporaneous speech</p> |
| 13:00-14:00 | Lunch | |
| 14:00-15:00 | <p>Session 7 Natasha Warner & Benjamin V. Tucker Benjamin V. Tucker</p> | <p>Production (or non-production) of American English intervocalic stops</p> <p>The influence of speech style as context on the processing of reduced North American English flaps</p> |
| 15:00-15:30 | More sample reductions | |
| 15:30-16:00 | Coffee | |
| 16:00-16:30 | <p>Session 8 Janet Pierrehumbert</p> | Mechanisms of reduction |
| 16:30-17:30 | Take bus to the Brewery | |
| 17:30-18:30 OR 18:00-19:00 | Tour of the Nijmegen Historic City Brewery | |
| 19:15- | Workshop dinner at the historic restaurant 't Lemke | |

TUESDAY, June 17

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| 8:30-9:00 | Coffee | |
| 9:00-10:30 | <p>Session 9 Esther Janse, Mirjam Ernestus & Inge van de Sande Linda Shockey Dorthe Bleses</p> | <p>Processing of reduced speech in elderly listeners</p> <p>Understanding casual English pronunciation: Poles apart The struggle of Danish word-learning babies: The role of sound structure in word learning in a cross-linguistic framework</p> |
| 10:30-11:00 | All-participant discussion | |
| 11:00-11:30 | Coffee break | |
| 11:30-13:00 | <p>Session 10 Katharine Barden, Antje Heinrich & Sarah Hawkins Shu-Chuan Tseng Kevin Russell & Mirjam Ernestus</p> | <p>Perceptual learning about systematic phonetic variation in connected speech</p> <p>From speech reduction to syllable merger in natural speech</p> <p>Frequency increases reduction, but reduction lowers subjective frequency</p> |
| 13:00-14:00 | Lunch | |
| 14:00-15:30 | <p>Session 11 Koji Iwano Christina Villafaña Dalcher Mark Pitt & Laura Dilley</p> | <p>Analysis of spectral reduction and its effects on speech recognition performance</p> <p>Lenition as a derived construct: Data reduction as a method for evaluating speech reduction</p> <p>Are there multiple solutions to recognizing reduced word forms?</p> |
| 15:30-15:35 | Concluding remarks | |
| 15:35-16:30 | Drinks OR attend the MPI Formal Colloquium at 15:45 by Marc Brysbaert (on "Word reading and the split fovea") | |