# PubMan at the heart of an Institute website

Max Planck Institute for Psycholinguistics, Nijmegen, NL

(Early Adopter Statement)

Jos van Berkum Karin Kastens Jacquelijn Ringersma

July 14, 2009, MPDL FBR Munich

# The plan

Tell you about our experience as Early Adopter of PubMan...

...from the perspective of an Institute webmaster & scientist

# For more information about

- technical details
- an information specialist's perspective

ask Karin Kastens!

# Renewing the MPI\_PL institute website

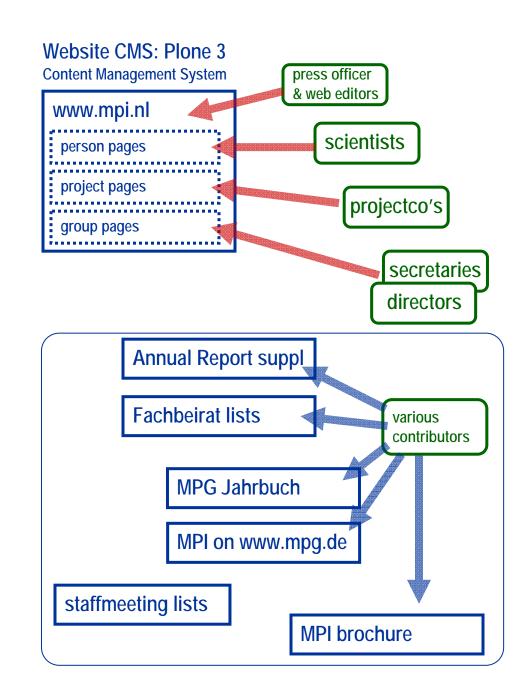


# Some 2 years ago:

"Please renew our MPI\_PL website"
"Bigger, better, MPG-greener..."

One of our main goals was to improve access to our work, at various levels of detail

- lists of publications
- abstracts, fulltexts, ...
- How to get publication lists and associated information on the institute website?



#### **Anne Cutler – Publications**

#### A. Books, etc.

Cutler, A. (1975). Sentence Stress and Sentence Comprehension. Ph.D. dissertation. University of

Te xas, 1975. (Dissertation Abstracts International, 36(10-B), 5300).

Baayen, R. H., Feldri

Berck, P., Bibiko, H

Bock, K., Butterfield

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ANNUAL REPORT 2006

Alphen, P. M. van, & McQueen, J. M. (2006). The

differences on lexical access in Dutch.

Psychology: Human Perception and Perform

#### Cutler, A. & Meri und Verlesen Cutler, A. (E The Cutler, A. (19

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Erlbaum.

### B. Journal A

Cutler, A. (19 Perception & Cutler, A. & Speech, 20, 1

Fay, D. & Cu 8, 505-520.

> Brink, D. van den, lexical sel Journal of

# So many lists already...

#### Presentations at conferences, congresses, and workshops

Aarts, E., Roelofs, A., & Van Turennout, M. "Neural correlates of endogenous and exogenous control in task switching." The 13th Annual Meeting of the Cognitive Neuroscience Society (CNS 2006). San Francisco, April.

Aarts, E., Roelofs, A., & Van Turennout, M. "Role of medial frontal cortex in endogenous and exogenous control in task switching." Workshop on Errors, Conflicts, and Rewards: "The role of medial frontal cortex in cognitive control and performance monitoring". Amsterdam, June.

Alt, S., Kemps-Snijders, M., Ringersma, J., & Wittenburg, P. "Digitale Ressourcen in den GSHS am Beispiel LEXUS." MPG GSHS Library Conference. Florence, November.

### **FBR 2008 report --**

\* Baggio, G., Van Lambal recomputing discourse mode 36-53.

\* Bastiaansen, M. C. M., Oostenveld, R., Jensen, what you mean: Theta power increases are involved semantic information. Brain and Language, 106(1).

\* Folia, V., Uddén, J., Forkstam, C., Ingvar, M., Hagoort, P., & (2008). Implicit learning and dyslexia. Annals of the New Yorl Sciences, 1145, 132-150.

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\* Forkstam, C., Elwér, A., Ingvar, M., & Petersson, K. M. (2 effects in implicit artificial grammar learning: A preference for Research, 1221, 80-92.

\* Kho, K. H., Indefrey, P., Hagoort, P., Van Veelen, C. W. M. Ramsey, N. F. (2008). Unimpaired sentence comprehension af cortex resection. Neuropsychologia, 46(4), 1170-1178.

\* Li, X., Hagoort, P., & Yang, Y. (2008). Event-related pote influence of accentuation in spoken discourse comprehension i Cognitive Neuroscience, 20(5), 906-915.

#### 13.8 Colloquia presented

Instit

BROE

Deve

The following members of the Institute presented colloquia at various

BIEN, H.: "Frequency effects in compound production." CLS Colloquium-series in Linguistics. Radboud U. Nijmegen.

#### 13.9 Teaching:

Members of the Institute taught at the following institutions:

BOWERMAN, M. "Language acquisition and semantic typology." Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

BOWERMAN, M. "Topics in psycholinguistics: Semantic development in first language acquisition." Free U. Amsterdam.

CHEN, A. "Acquisition of intonation: Entertaining a universalist account." Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

CHEN, A. "Intonation." Three-day intensive course at the MPI Nijmegen.

DIMROTH, C. "Bilingualer Erstspracherwerb." FB Sprach- u. Literatuwissenschaft, U. Osnabrück.

DIMROTH, C. & U. Stephany. "Zweitspracherwerb des Deutschen." FB Allgemeine Sprachwissenschaft, U. Cologne.

ENFIELD, N. "Semantics and pragmatics in a cross-linguistic perspective" Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

ENFIELD, N. Seminar on "Meaning". MPI Nijmegen.

## Staffmeeting publication list May 14, 2007

**Publications** \* Menenti, L., P

\* Li. X., Yang, in Chinese discour

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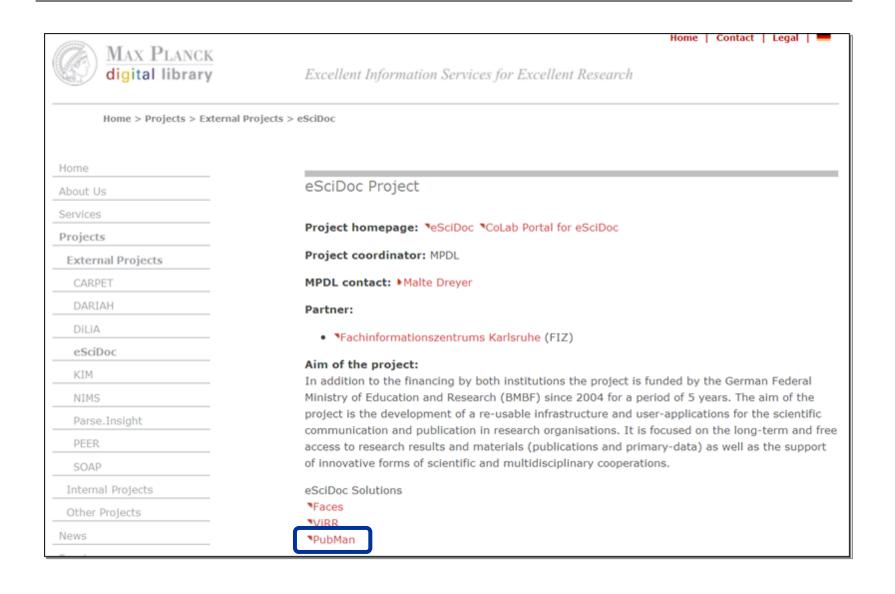
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Staffmeeting publication list May 14, 2007

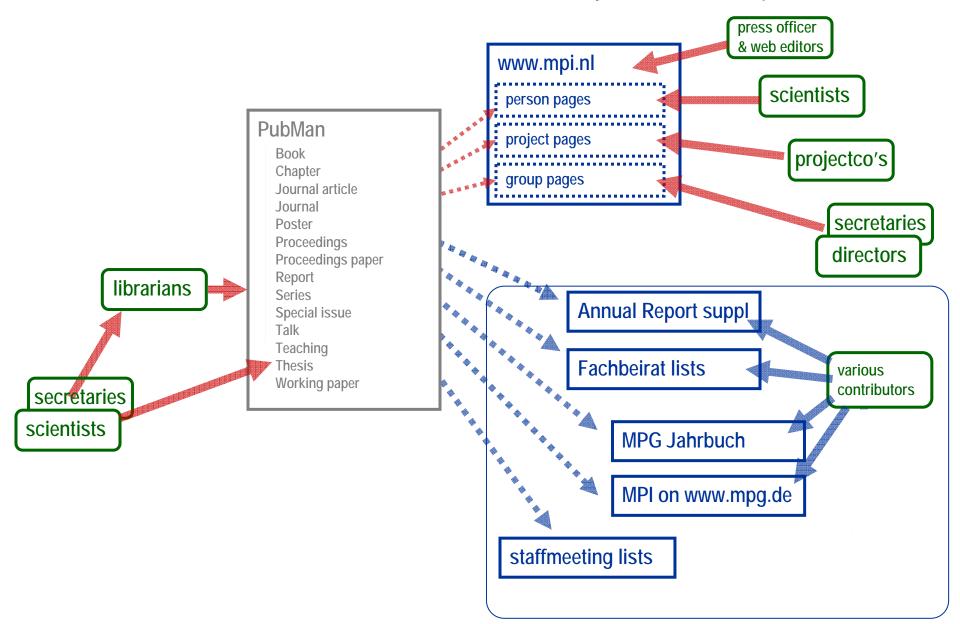
\* Menenti, L., P elephants fly: Diff

**Publications** 

# Around the same time: MPI-PL Early Adopter of PubMan



# MPI-PL information flow: sources, databases, outlets



# Building our site around PubMan?

### Risks...

- PubMan was a moving target
- Would it be ready in time?
- Would the end result meet our needs?

# Opportunities...!!

- PubMan was the obvious choice
- A realistic case of Early Adoption
- As Early Adopter, we might be able to tweak things a little...

# Some requirements

- 'Dynamic generation' of nicely formatted lists of publications & presentations on person, project, and group/dept webpages
- Via a citation-specific 'popup' window, access to deeper info
  - Abstract, TOC
  - Fulltext (directly, or via publisher website, or via request-reprint form)
  - Supplementary materials (language stimuli, additional methods/data, ...)
- Via PubMan, links to supplementary materials in other databases
- Free text field for ad hoc selection of PubMan items ('local tags')

# We got it all!

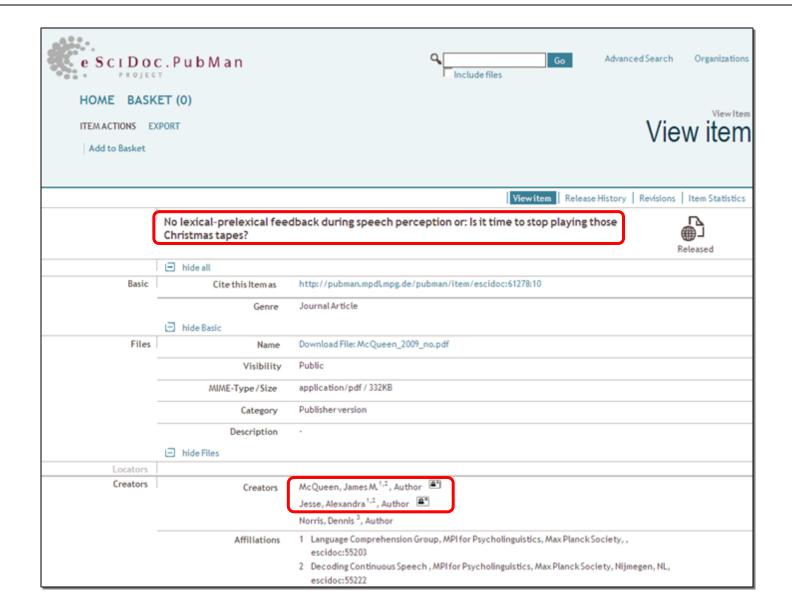








# Depositing a publication <u>once</u> in PubMan



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Publications

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### James McQueen -Publications

#### in press

- . Cutler, A., Eisner, F., McQueen, J. M., & Norris, D. (in press). How abstract phonemic categories are necessary for coping with speaker-related variation. In C. Fougeron (Ed.), Papers in laboratory phonology 10. more >
- . Hanulikova, A., McQueen, J. M., & Mitterer, H. (in press). Possible words and fixed stress in the segmentation of Slovak speech. The Quarterly Journal of Experimental Psychology, more >
- . McQueen, J. M., & Cutler, A. (in press). Cognitive processes in speech perception. In W. J. Hardcastle & J. D. M. H. Laver (Eds.), The handbook of phonetic sciences. Oxford: Blackwell, more >
- · Reinisch, E., Jesse, A., & McQueen, J. M. (in press). Early use of phonetic information in spoken word recognition: Lexical stress drives eye-movements immediately. The Quarterly Journal of Experimental Psychology, more >
- . Sjerps, M. J., & McQueen, J. M. (in press). The bounds on flexibility in speech perception. Journal of Experimental Psychology: Human Perception and Performance, more >

#### 2009

- . Cutler, A., Otake, T., & McQueen, J. M. (2009). Vowel devoicing and the perception of spoken Japanese words. The Journal of the Acoustical Society of America 125(3) 1693-1703 more >
- McQueen, J. M., Jesse, A., & Norris, D. (2009). No lexical-prelexical feedback during speech perception or: Is it time to stop playing those Christmas tapes? Journal of Memory and Language, 61, 1-18, more >
- Mitterer, H., & McQueen, J. M. (2009). Processing reduced word-forms in speech perception using probabilistic knowledge about speech production. Journal of Experimental Psychology: Human Perception and



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### Alexandra Jesse -Publications

#### in press

- . Jesse, A., & Janse, E. (in press). Visual speech information aids elderly adults in stream segregation. In Proceedings of the International Conference on Auditory-Visual Speech Processing 2009. more >
- . Reinisch, E., Jesse, A., & McQueen, J. M. (in press). Early use of phonetic information in spoken word recognition: Lexical stress drives eye-movements immediately. The Quarterly Journal of Experimental Psychology. more >

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- . Massaro, D. W., & Jesse, A. (2009). Read my lips: Speech distortions in musical lyrics can be overcome (slightly) by facial information. Speech Communication 51(7) 604-621 more >
- McQueen, J. M., Jesse, A., & Norris, D. (2009). No lexical-prelexical feedback during speech perception or: Is it time to stop playing those Christmas tapes? Journal of Memory and Language, 61, 1-18. more >

#### 2008

- Jesse, A., & Johnson, E. K. (2008). Audiovisual alignment in child-directed speech facilitates word learning. In Proceedings of the International Conference on Auditory-Visual Speech Processing (pp. 101-106). more >
- · Reinisch, E., Jesse, A., & McQueen, J. M. (2008). Lexical stress information modulates the time-course of spoken-word recognition. In Proceedings of Acoustics' 08 (pp. 3183-3188), more >
- . Reinisch, E., Jesse, A., & McQueen, J. M. (2008). The strength of stressrelated lexical competition depends on the presence of first-syllable stress. In Proceedings of Interspeech 2008 (pp. 1954-1954), more >



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The Max Planck Institute for Psycholinguistics is an institute of the German Max Planck Society. Our mission is to undertake basic research into the psychological and biological foundations of language. The goal is to understand how our minds and brains process language, how language interacts with other aspects of mind, and how we can learn languages of guite different types.

We participate in the Donders Institute for Brain, Cognition and Behaviour, and have particularly close ties to this institute's Centre for Cognitive Neuroimaging. You are here: Home → Research → Research output → Recent publications --May 2009

#### Recent publications -- May 2009

To give you a quick monthly update, we list peer-reviewed journal articles, books, and book chapters only. More exhaustive lists (e.g. also including commentaries, proceedings papers, etc) can be found on group, project, and person publication lists, as well as on our research reports page.

- Chen, A. (2009). Perception of paralinguistic intonational meaning in a second language. Language Learning, 59(2), 367-409. more >
- Cholin, J., & Levelt, W. J. M. (2009). Effects of syllable preparation and syllable frequency in speech production: Further evidence for syllabic units at a post-lexical level. Language and Cognitive Processes. 24, 662-684, more >
- Dingemanse, M. (2009). Kããã [finalist photo in the 2008 AAA Photo Contest]. Anthropology News, 50(3), 23-23. more >
- Enfield, N. J. (2009). The anatomy of meaning: Speech, gesture, and composite utterances. Cambridge: Cambridge University Press. more >
- Hanulikova, A. (2009). The role of syllabification in the lexical segmentation of German and Slovak. In S. Fuchs, H. Loevenbruck, D. Pape & P. Perrier (Eds.), Some aspects of speech and the brain (pp. 331-361). Frankfurt am Main: Peter Lang. more >
- Isaac, A., Wang, S., Van der Meij, L., Schlobach, S., Zinn, C., & Matthezing, H. (2009). Evaluating thesaurus alignments for semantic interoperability in the library domain. IEEE Intelligent Systems, 24(2), 76-86, more >
- Janse, E. (2009). Processing of fast speech by elderly listeners. Journal of the Acoustical Society of America, 125(4), 2361-2373. more >
- Klein, W. (2009). Concepts of time. In W. Klein & P. Li (Eds.), The expression of time (pp. 5-38). Berlin: Mouton de Gruyter. more >
- Klein, W. (2009). How time is encoded. In W. Klein & P. Li (Eds.), The expression of time (pp. 39-82). Berlin: Mouton de Gruyter. more >
- Klein, W., & Li, P. (Eds.). (2009). The expression of time. Berlin: Mouton de Gruyter. more >
- Koten Jr., J. W., Wood, G., Hagoort, P., Goebel, R., Propping, P., Willmes, K., et al. (2009). Genetic contribution to variation in cognitive function: An fMRI study in twins. Science, 323(5922), 1737, more >
- Levinson, S. C., & Burenhult, N. (2009). Semplates: A new concept in lexical semantics? Language, 85, 153-174. more >
- Liszkowski, U., Schäfer, M., Carpenter, M., & Tomasello, M. (2009).
   Prelinguistic infants, but not chimpanzees, communicate about absent aptition. Psychological Science, 20, 664,660, many 3.
- McQueen, J. M., Jesse, A., & Norris, D. (2009). No lexical-prelexical feedback during speech perception or: Is it time to stop playing those Christmas tapes? Journal of Memory and Language, 61, 1-18. more >
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### Jos van Berkum -Presentations

Below are recent posters (usually of work in the publication pipeline), as well as a list of talks (invited only). Actual posters are attached. If you're looking for something and cannot find it, don't hesitate to ask.

#### **Posters**

#### 2009, March

- . De Goede, D., Van Alphen, P., Mulder, E., Blokland, Y., Kerstholt, J., & Van Berkum, J. J. A. (2009, March). The effect of mood on anticipation in language comprehension: An ERP study. Poster presented at the 16th Annual meeting of the Cognitive Neuroscience Society (CNS-2009), San Francisco, more >
- . Van Alphen, P., & Van Berkum, J. J. A. (2009, March). The dynamics of sense-making: ERP evidence of semantic involvement of words within words. Poster presented at the 16th Annual meeting of the Cognitive Neuroscience Society (CNS-2009), San Francisco. more >

#### Invited talks

#### 2009

- . Van Berkum, J. J. A. (2009). Incrementality in utterance comprehension: ERP evidence. Incrementality in Verbal Interaction workshop, Bielefeld University. Bielefeld, Germany, 2009-06-08 - 2009-06-10. more >
- . Van Berkum, J. J. A. (2009). Neurocognitive traces of anticipation in text and discourse. New Findings in the Neuroscience of Discourse Symposium, Annual Meeting of the Society for Text and Discourse. Rotterdam, 2009-07-26 -2009-07-28. more >

#### 2007

 Van Berkum, J. J. A. (2007). Beyond decontextualized sentences: What can ERPs tell us about pragmatics (and semantics)? Experimental Pragmatics 2007 (XPRAG-2007), Berlin, 2007-12-13 - 2007-12-16, more >



#### Jos van Berkum

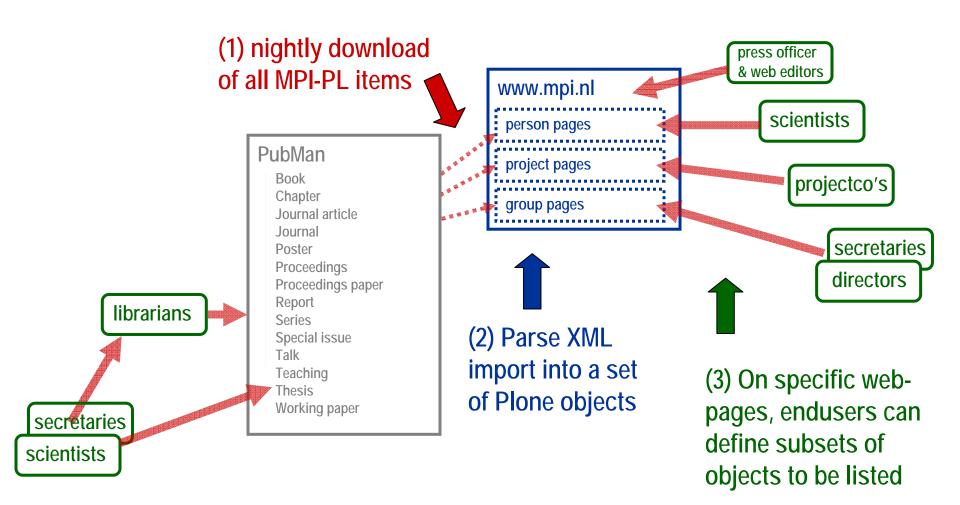
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# MPI-PL PubMan-website information flow



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#### Adriana Hanulikova -**Publications**

#### Accepted/submitted

 Rossi, S., Juergenson, I., Hanulíková, A., Wartenburger, I., & Obrig, H. (under revision). Implicit processing of phonotactic cues: Evidence from electrophysiological and vascular responses.

#### in press

- · Hanulikova, A. (in press). Lexical segmentation in Slovak and German. Berlin: Akademie Verlag. more >
- Hanulikova, A., McQueen, J. M., & Mitterer, H. (in press). Possible words and fixed stress in the segmentation of Slovak speech. The Quarterly Journal of Experimental Psychology. more >

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- Hanulikova, A. (2009). The role of syllabification in the lexical segmentation of German and Slovak. In S. Fuchs, H. Loevenbruck, D. Pape & P. Perrier (Eds.), Some aspects of speech and the brain (pp. 331-361). Frankfurt am Main: Peter Lang. more >
- Hanulikova, A., & Weber, A. (2009). Experience with foreign accent influences non-native (L2) word recognition: The case of th-substitutions [Abstract]. Journal of the Acoustical Society of America, 125(4), 2762. more >

#### 2008

- Hanulikova, A. (2008). Word recognition in possible word contexts. In M. Kokkonidis (Ed.), Proceedings of LingO 2007 (pp. 92-99). Oxford: Faculty of Linguistics, Philology, and Phonetics, University of Oxford. more >
- . Hanulikova, A., & Dietrich, R. (2008). Die variable Coda in der slowakischdeutschen Interimsprache. In M. Tarvas (Ed.), Tradition und Geschichte im literarischen und sprachwissenschaftlichen Kontext (pp. 119-130). Bern: Peter Lang. more >
- · Hanulíková, A. (2008). Lexical Segmentation in Slovak and German. Doctoral Dissertation, Humboldt University Berlin.
- Hanulíková, A. (2008). Review of E.G. Winkler (2007). Understanding Language: A Course in Linguistics. In LINGUIST List 19.69.

#### Publications before 2007

 Hanulíková, A. & Dietrich, R. (2005). Universal and language specific constraints in the production of coda consonant clusters in the Slovak-German



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#### Journal article



McQueen, J. M., Jesse, A., & Norris, D. (2009). No lexical-prelexical feedback during speech perception or: Is it time to stop playing those Christmas tapes? Journal of Memory and Language, 61, 1-18.

The strongest support for feedback in speech perception comes from evidence of apparent lexical influence on prelexical fricative-stop compensation for coarticulation. Lexical knowledge (e.g., that the ambiguous final fricative of Christma? should be [s]) apparently influences perception of following stops. We argue that all such previous demonstrations can be explained without invoking lexical feedback. In particular, we show that one demonstration [Magnuson, J. S., McMurray, B., Tanenhaus, M. K., & Aslin, R. N. (2003). Lexical effects on compensation for coarticulation: The ghost of Christmash past. Cognitive Science, 27, 285-298] involved experimentally-induced biases (from 16 practice trials) rather than feedback. We found that the direction of the compensation effect depended on whether practice stimuli were words or nonwords. When both were used, there was no lexically-mediated compensation. Across experiments, however, there were lexical effects on fricative identification. This dissociation (lexical involvement in the fricative decisions but not in the following stop decisions made on the same trials) challenges interactive models in which feedback should cause both effects. We conclude that the prelexical level is sensitive to experimentally-induced phoneme-sequence biases, but that there is no feedback during speech perception.

Link to source (DOI) > Downloadable fulltext >



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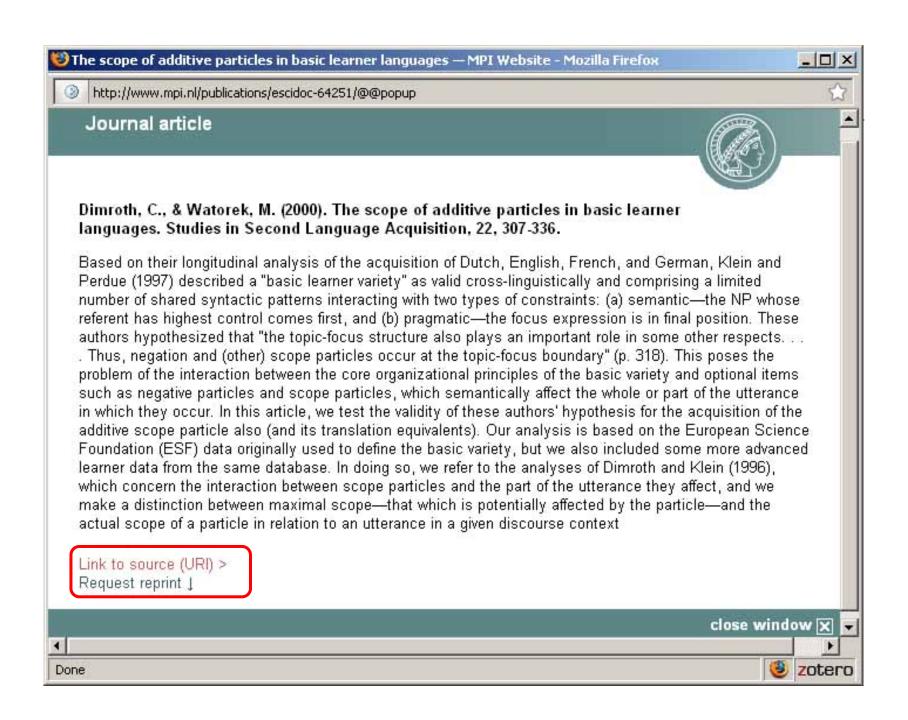
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Klaar

 Reinisch, E., Jesse, A., & McQueen, J. M. (2008). The strength of stressrelated lexical competition depends on the presence of first-syllable stress. In Proceedings of Interspeech 2008 (pp. 1954-1954), more >









http://www.mpi.nl/publications/escidoc-60092/@@popup



#### Journal article



Van Berkum, J. J. A., Brown, C. M., Zwitserlood, P., Kooijman, V., & Hagoort, P. (2005). Anticipating upcoming words in discourse: Evidence from ERPs and reading times. Journal of Experimental Psychology: Learning, Memory, and Cognition, 31(3), 443-467.

The authors examined whether people can use their knowledge of the wider discourse rapidly enough to anticipate specific upcoming words as a sentence is unfolding. In an event-related brain potential (ERP) experiment, subjects heard Dutch stories that supported the prediction of a specific noun. To probe whether this noun was anticipated at a preceding indefinite article. stories were continued with a gender-marked adjective whose suffix mismatched the upcoming noun's syntactic gender. Prediction-inconsistent adjectives elicited a differential ERP effect, which disappeared in a no-discourse control experiment. Furthermore, in self-paced reading, prediction-inconsistent adjectives slowed readers down before the noun. These findings suggest that people can indeed predict upcoming words in fluent discourse and, moreover, that these predicted words can immediately begin to participate in incremental parsing operations.

Link to source (DOI) > Downloadable fulltext >

#### Supplementary materials

- 01. Dutch item sets for Experiments 1, 2, and 3
- 02. Dutch audio sample for Experiment 1 (consistent)
- 03. Dutch audio sample for Experiment 1 (inconsistent)
- 04. Cloze values of discourse-predictable nouns (spss-sav)
- 05. Additional data for all 120 items in Experiment 1 (pdf)

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# Benefits for the MPI\_PL scientists (e.g., me)

- Worldwide easy access to our work, at various levels of detail
- Coherent bundling of research-related information, e.g.,
  - Language stimuli
  - Primary or secondary data
  - Supplementary analyses

all linked to a central hub unit that documents it: the publication!

- Persistent links
- I need to enter the data only once! (or less)

#### **Anne Cutler – Publications**

#### A. Books, etc.

Cutler, A. (1975). Sentence Stress and Sentence Comprehension. Ph.D. dissertation. University of

ANNUAL REPORT 2006

Alphen, P. M. van, & McQueen, J. M. (2006). The

differences on lexical access in Dutch.

Psychology: Human Perception and Perform

Te xas, 1975. (Dissertation Abstracts International, 36(10-B), 5300).

Baayen, R. H., Feldri

Berck, P., Bibiko, H

Bock, K., Butterfield

Braun, B. (2006).

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### B. Journal A

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America, 1 8, 505-520. Brink, D. van den, lexical sel Journal of

# Scientists don't like filling lists...

#### 13.7 Presentations at conferences, congresses, and workshops

Aarts, E., Roelofs, A., & Van Turennout, M. "Neural correlates of endogenous and exogenous control in task switching." The 13th Annual Meeting of the Cognitive Neuroscience Society (CNS 2006). San Francisco, April.

Aarts, E., Roelofs, A., & Van Turennout, M. "Role of medial frontal cortex in endogenous and exogenous control in task switching." Workshop on Errors, Conflicts, and Rewards: "The role of medial frontal cortex in cognitive control and performance monitoring". Amsterdam, June.

Alt, S., Kemps-Snijders, M., Ringersma, J., & Wittenburg, P. "Digitale Ressourcen in den GSHS am Beispiel LEXUS." MPG GSHS Library Conference. Florence, November.

### on the reco FBR 2008 report --

\* Baggio, G., Van Lambal recomputing discourse mode

for Lingusitics (DGfS 36-53.

\* Bastiaansen, M. C. M., Oostenveld, R., Jensen what you mean: Theta power increases are involved semantic information. Brain and Language, 106(1).

\* Folia, V., Uddén, J., Forkstam, C., Ingvar, M., Hagoort, P., & (2008). Implicit learning and dyslexia. Annals of the New Yorl Sciences, 1145, 132-150.

Bercelli, F., Rossar

formulations in cogn

on Conversation Ana

Berck, P., Bibiko,

"Language Archive I

\* Forkstam, C., Elwér, A., Ingvar, M., & Petersson, K. M. (2 effects in implicit artificial grammar learning: A preference for Research, 1221, 80-92.

\* Kho, K. H., Indefrey, P., Hagoort, P., Van Veelen, C. W. M. Ramsey, N. F. (2008). Unimpaired sentence comprehension af cortex resection. Neuropsychologia, 46(4), 1170-1178.

\* Li, X., Hagoort, P., & Yang, Y. (2008). Event-related pote influence of accentuation in spoken discourse comprehension i Cognitive Neuroscience, 20(5), 906-915.

#### 13.8 Colloquia presented

Instit

BROE

Deve

The following members of the Institute presented colloquia at various

BIEN, H.: "Frequency effects in compound production." CLS Colloquium-series in Linguistics. Radboud U. Nijmegen.

#### 13.9 Teaching:

Members of the Institute taught at the following institutions:

BOWERMAN, M. "Language acquisition and semantic typology." Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

BOWERMAN, M. "Topics in psycholinguistics: Semantic development in first language acquisition." Free U. Amsterdam.

CHEN, A. "Acquisition of intonation: Entertaining a universalist account." Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

CHEN, A. "Intonation." Three-day intensive course at the MPI Nijmegen.

DIMROTH, C. "Bilingualer Erstspracherwerb." FB Sprach- u. Literatuwissenschaft, U. Osnabrück.

DIMROTH, C. & U. Stephany. "Zweitspracherwerb des Deutschen." FB Allgemeine Sprachwissenschaft, U. Cologne.

ENFIELD, N. "Semantics and pragmatics in a cross-linguistic perspective" Masters' program in Cognitive Neuroscience, Radboud U. Nijmegen.

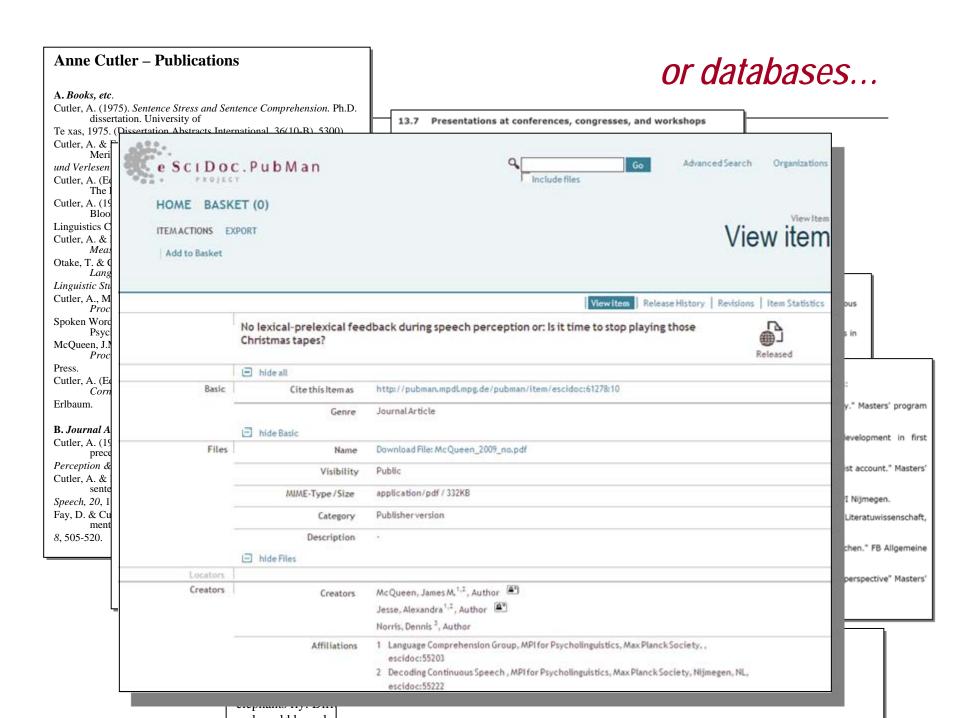
ENFIELD, N. Seminar on "Meaning". MPI Nijmegen.

### Staffmeeting publication list May 14, 2007

**Publications** 

\* Menenti, L., P elephants fly: Diff

\* Li. X., Yang, in Chinese discour



# ...but they do like filling their CV's on the web!



# Interlocking benefits for the organization

### PubMan at the MPI\_PL:

MPL\_PL website motivates our scientists to deposit their work in the archive!

### **Institute website:**

Uniformly rendered rich lists, with quality control (library/PubMan-workflow)

### Institute:

More efficient, integrated information flow

### MPG:

Possible recycling of our PubMan-tailored CMS (a role for the MPDL?)

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- They deliver (sometimes with a delay...)
- They respond immediately, and helpfully
- They take Early Adopter requests very seriously

MPDL's eSciDoc PubMan product was well worth the wait...

...the MPDL have really been solving some of our problems in a way that we could not have done efficiently ourselves (and with a product that can serve other MPG institutes too)

http://www.mpi.nl/