

Curriculum Vitae

Formal address:

Department of Linguistics
University of Salzburg
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Nationality: German

H-Index: 14

G-Index: 26

Education

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|-------------|---|
| 06/1984 | High School Certificate (Allgemeine Hochschulreife), International Comprehensive School, Heidelberg, Germany |
| 1986 – 1992 | Classical and Modern Ballet, <i>Schweizerischen Ballettberufsschule Zürich</i> (Switzerland), <i>Hochschule für Musik und Darstellende Kunst Mannheim-Heidelberg</i> (Germany), <i>Hogeschool voor Muziek en Dans Rotterdam</i> (The Netherlands) |
| 06/1992 | Diploma (MA Performing Arts) of <i>Classical and Modern Ballet and Dance Pedagogy</i> , Hogeschool voor Muziek en Dans Rotterdam, Rotterdam, The Netherlands |
| 1993 – 1997 | General and Applied Linguistics, Philosophy, University of Stuttgart (Germany) |
| 1997 – 1999 | General and Applied Linguistics, Psychology, Philosophy, University of Salzburg (Austria) |
| 14/12/1999 | MA (Mag. phil.), General and Applied Linguistics, University of Salzburg, Austria. Master thesis: „ <i>EEG and language</i> “: |

electrophysiological correlates of language processing“ (magna cum laude)

08/11/2004 PhD (Dr. phil.), General and Applied Linguistics, Philipps-University Marburg, Germany. Doctoral thesis: „*Waves and words: Oscillatory activity and language processing*“ (summa cum laude)

Professional Experience

- 1994 – 1997 Teaching assistant at the Department of General and Applied Linguistics, University of Stuttgart (Germany)
- 06/1998 – 02/1999 Research assistant at the Department of Psychology, University of Salzburg (Austria). FWF-Project (Austrian Science Fund) „Functional correlates of brain oscillations in EEG“ [project number: P13047]
- 02/2000 – 01/2002 Research assistant at the Department of Linguistics, University of Salzburg (Austria). FWF-Project: „EEG-oscillations during sentence processing“ [project number: P13748-SPR]
- 06/2002 – 12/2002 Research assistant at the Institute for Natural Language Processing, University of Stuttgart (Germany). Federal Ministry of Education and Research, research project: „SmartKom“ (Dialog-based Human-Technology Interaction by Coordinated Analysis and Generation of Multiple Modalities)
- 10/2002 – 05/2005 Research assistant/fellow at the Independent Research Group Neurolinguistics, Department of Linguistics, University of Marburg (Germany)
- 01/2003 – 06/2003 Research assistant at the Institute for Natural Language Processing, University of Stuttgart (Germany)
- 07/2003 – 01/2006 Research assistant/fellow at the Department of Linguistics, University of Salzburg (Austria). FWF-Project: „Types of Conflict Resolution and their EEG Correlates: a frequency-analytical differentiation“
- 06/2005 – 09/2008 Senior Research Fellow at the Independent Junior Research Group Neurotypology, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig (Germany)
- 10/2008 - 09/2012 Professor of Psycho-/Neurolinguistics at the Department of Linguistics, University of Salzburg (Austria) (temporary position limited to 4 years)
- 04/2012 - 08/2012 Lecturer at the Department of English Linguistics, University of Mainz (Germany)

10/2012 - 02/2013 Lecturer at the Department of Linguistics, University of Salzburg (Austria)

03/2013 - 09/2013 Guest Professor at the Department of Linguistics, University of Salzburg (Austria)

Research stays / visits abroad

09/2005 – 11/2005 Research stay at the *University of Iceland* (Reykjavik, Iceland)

10/2006 - 11/2006 Research stay at the *Banaras Hindu University* (Varanasi, India)

04/2007 – 05/2007 Visiting Researcher at the Department of Psychology, *University of Massachusetts*, Amherst, (MA, USA)

09/2008 – 10/2008 Research stay at the *University of Iceland* (Reykjavik, Iceland)

Fellowships and Awards

10/2000 Drachmann Prize (University of Salzburg, Austria)

12/2001 Fellowship for the participation at the *FENS Winter School* „Structure and formation of neuronal representations“, Kitzbühel, Austria. Scientific Organiser: Wolf Singer. Granted by the *Federation of European Neuroscience Societies* (FENS) and the *Hertie Foundation*

04/2002 Fellowship for the participation at the *Neurochemistry Winter Conference* „Modelling Addiction: How closely do genetic, neurochemical, electrophysiological and behavioural experimental models predict human patterns of abuse and dependence“ supported by the European Commission DG XII „high level scientific conferences“, Sölden (Ötztal, Austria)

Funded research projects

2003 – 2006 FWF-Project: „Types of Conflict Resolution and their EEG Correlates: a frequency-analytical differentiation“ as a subproject of the DFG-funded (German Research Foundation) research project "Conflicting Rules" (together with Prof. H. Haider, Prof. W. Klimesch)

Publications

- (1) Doppelmayr, M., Klimesch, W., Schwaiger, J., Stadler, W. & Röhm, D. (2000). The time locked theta response reflects interindividual differences in human memory performance. *Neuroscience Letters*, 278, 141-144.
- (2) Klimesch, W., Doppelmayr, M., Röhm, D., Pöllhuber, D. & Stadler, W. (2000). Simultaneous desynchronization and synchronization of different alpha responses in the human electroencephalograph: a neglected paradox? *Neuroscience Letters*, 284, 97-100.
- (3) Klimesch, W., Doppelmayr, M., Yonelinas, A., Kroll, N.E.A., Lazzara, M., Röhm, D. & Gruber, W. (2001). Theta synchronization during episodic retrieval: neural correlates of conscious awareness. *Cognitive Brain Research*, 12:1, 33-38.
- (4) Klimesch, W., Doppelmayr, M., Stadler, W., Pöllhuber, D., Sauseng, P. & Röhm, D. (2001). Episodic retrieval is reflected by a process specific increase in human theta activity. *Neuroscience Letters*, 302, 49-52.
- (5) Klimesch, W., Doppelmayr, M., Wimmer, H., Schwaiger, J., Röhm, D., Gruber, W. & Hutzler, F. (2001). Theta band power changes in normal and dyslectic children. *Clinical Neurophysiology*, 112, 1174-1185.
- (6) Klimesch, W., Doppelmayr, M., Wimmer, H., Gruber, W., Röhm, D., Schwaiger, J. & Hutzler, F. (2001). Alpha and beta band power changes in normal and dyslectic children. *Clinical Neurophysiology*, 112, 1186-1195.
- (7) Röhm, D., Klimesch, W., Haider, H. & Doppelmayr, M. (2001). The role of theta and alpha oscillations for language comprehension in the human electroencephalogramm. *Neuroscience Letters*, 310, 137-140.
- (8) Klimesch, W., Doppelmayr, M., Röhm, D., Schack, B. (2002). The functional meaning of theta oscillations for memory. *International Journal of Psychophysiology*, 45, 48.
- (9) Roehm, D., Schlesewsky, M., Bornkessel, I., Frisch, S., & Haider, H. (2004). Fractionating language comprehension via frequency characteristics of the human EEG. *NeuroReport*, 15, 409-412.
- (10) Roehm, D., Haider, H. & Klimesch, W. (2004). Gehirnoszillationen und Sprache: EEG-Bandpowerveränderungen bei Sprachverarbeitungsprozessen. In: H.M. Müller & G. Rickheit (eds.), *Neurokognition der Sprache* (pp. 259-286). Tübingen: Stauffenburg Verlag.
- (11) Dogil, G., Frese, I., Haider, H., Röhm, D. & Wokurek, W. (2004). Where and how does grammatically geared processing take place - and why is Broca's area often

- involved. A coordinated fMRI/ERBP study of language production. *Brain and Language*, 89, 337-345.
- (12) Dogil, G., Ackermann, H., Grodd, W., Haider, H., Kamp, H., Mayer, J., Riecker, A., Röhm, D., Wildgruber, D., & Wokurek, W. (2004). Brain dynamics induced by language production. In: T. Pechmann & C. Habel (eds.), *Multidisciplinary Approaches to Language Production* (pp. 397-429). Trends in Linguistics. Mouton de Gruyter.
 - (13) Roehm, D. (2004). Waves and words: Oscillatory activity and language processing. Dissertation, University of Marburg.
 - (14) Roehm, D., Bornkessel, I., Haider, H., & Schlesewsky, M. (2005). When case meets agreement: event-related potential effects for morphology-based conflict resolution in human language comprehension. *NeuroReport*, 16, 875-878.
 - (15) Diers, K., Roehm, D., Maess, B., Strobel, A., Nakamura, A., & Brocke, B. (2006). Localization of P3a and P3b. *The Journal of Japan Biomagnetism and Bioelectromagnetics Society*, 19(1), 184-185.
 - (16) Roehm, D., Bornkessel, I., & Schlesewsky, M. (2007). The internal structure of the N400: frequency characteristics of a language related ERP component. *Chaos and Complexity Letters*, 2:2/3, 365-395.
 - (17) Burkhardt, P. & Roehm, D. (2007). Differential effects of saliency: an event-related brain potential study. *Neuroscience Letters*, 413, 115-120.
 - (18) Roehm, D., Bornkessel-Schlesewsky, I., Rösler, F., & Schlesewsky, M. (2007). To predict or not to predict: Influences of task and strategy on the processing of semantic relations. *Journal of Cognitive Neuroscience*, 19:8, 1259-1274.
 - (19) Haupt, F.S., Schlesewsky, M., Roehm, D., Friederici, A.D. & Bornkessel-Schlesewsky, I. (2008). The status of subject-object reanalyses in the language comprehension architecture. *Journal of Memory and Language*, 59, 54-96.
 - (20) Roehm, D., Bornkessel-Schlesewsky, I., & Schlesewsky, M. (2008). The internal structure of the N400: frequency characteristics of a language related ERP component. In: C. Allefeld, P. beim Graben, J. Kurths (eds.), *Advanced Methods of Electrophysiological Signal Analysis and Symbol Grounding?: Dynamical Systems Approaches to Language* (Chapter 15, pp. 227-257). Nova Science Publishers Inc.
 - (21) Roehm, D. & Haider, H. (2009). Small is beautiful: the processing of the left periphery in German. *Lingua*, 119, 1501–1522.
 - (22) Choudhary, K. K., Schlesewsky, M., Roehm, D., & Bornkessel-Schlesewsky, I. (2009). The N400 as a correlate of interpretively-relevant linguistic rules: Evidence from Hindi. *Neuropsychologia*, 47(13), 3012-3022.

- (23) Roehm, D., Sorace, A., & Bornkessel-Schlesewsky, I. (2010). The processing of flexible syntax semantics mappings: A neurophysiological investigation of split intransitivity in German. In: P.M. Bertinetto, A. Korhonen, A. Lenci, A. Melinger, S. Schulte im Walde, A. Villavicencio (eds.), *Proceedings of Verb 2010: Interdisciplinary Workshop on Verbs. The Identification and Representation of Verb Features* (pp. 59-64). Pisa: Scuola Normale Superiore and Università di Pisa.
- (24) Bornkessel-Schlesewsky, I., Kretzschmar, F., Tune, S., Wang, L., Genc, S., Philipp, M., Roehm, D., & Schlewsky, M. (2011). Think globally: Cross-linguistic variation in electrophysiological activity during sentence comprehension. *Brain and Language*, 117, 133-152.
- (25) Demertzi, A., Bruno, M-A., Schabus, M., Weilhart, K., Roehm, D., & Laureys, S. (2011). Wachkoma: medizinische Grundlagen und neurowissenschaftliche Revolution. In: R. J. Jox, G. D. Borasio, & K. Kühlmeier, *Leben im Koma: Interdisziplinäre Perspektiven auf das Problem des Wachkomas* (pp. 21-32). (Münchner Reihe Palliative Care, Band 6). Stuttgart, Germany: W. Kohlhammer GmbH.
- (26) Schabus, M., Pelikan, P., Chwala-Schlegel, N., Weilhart, K., Roehm, D., Donis, J., Michitsch, G., Pichler, G., & Klimesch, W. (2011). Oscillatory brain activity in vegetative and minimally conscious state during a sentence comprehension task. *Functional Neurology*, 36(1), 31-36.
- (27) Kretzschmar, F., Bornkessel-Schlesewsky, I., Staub, A., Roehm, D. & Schlewsky, M. (2012). Prominence Facilitates Ambiguity Resolution: On the Interaction between Referentiality, Thematic Roles and Word Order in Syntactic Reanalysis. In: M.J.A. Lamers & P. de Swart (Eds.): *Approaching Argument Structure: Case, Word Order, and Prominence* (pp. 239-271). (Studies in Theoretical Psycholinguistics, Vol. 40). Berlin: Springer.
- (28) Roehm, D., Sorace, A., & Bornkessel-Schlesewsky, I. (2012). Processing flexible form-to-meaning mappings: evidence for enriched composition as opposed to indeterminacy. *Language and Cognitive Processes*, DOI: 10.1080/01690965.2012.712143. (1-31).

Published Abstracts & Proceedings

- (1) Röhm, D., Haider, H. & Klimesch, W. (2001). EEG-oscillations during sentence processing (Abstract) In: T. Arnold & C. S. Herrmann (eds.), *Cognitive Systems & Mechanisms*. Leipzig: Leipziger Univ.-Verl., p. 108.
- (2) Röhm, D. (2002). Sprache als dynamisches System: Sprachverarbeitung & Gehirnoszillationen. In: A. Zimmer et al. (eds.), *Experimentelle Psychologie. Abstracts der 44. TeapP*. Regensburg: Roderer, 49.

- (3) Roehm, D., Winkler, T., Swaab, T., Klimesch, W. (2002). The N400 and delta oscillations: Is there a difference? *Journal of Cognitive Neuroscience*, Supplement, 134-135.
- (4) Roehm, D., Schlesewsky, M., Bornkessel, I. & Haider, H. (2003). Frequency analytical dissociation of nondistinguishable ERP components: a new way of fractionating language processing. *Brain Topography*, 16, 124-125.
- (5) Roehm, D., Haider, H., Bornkessel, I. & Schlesewsky, M. (2005). Syntactic complexity reconsidered: Why Germans don't count nodes. *Journal of Cognitive Neuroscience*, Supplement, 28.
- (6) Roehm, D. (2005). When the opposite of black is nice: the processing of Antonym-relations. *Brain Topography*, 17:3, 185.
- (7) Maess, B., Diers, K., & Roehm, D. (2006). The Processing of Antonym Relations: an MEG study. In: D. Cheyne, B. Ross, G. Stroink, & H. Weinberg (eds.), *New Frontiers in Biomagnetism. Proceedings of the 15th International Conference on Biomagnetism*, Vancouver, BC, Canada, August 21-25, 2006. Elsevier.
- (8) Burkhardt, P. & Roehm, D. (2006). Effects of Discourse Prominence on Two Types of Anaphoric Dependencies. 12th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP 2006), Nijmegen, the Netherlands, 17.
- (9) Burkhardt, P. & Roehm, D. (2007). Definite descriptions and proper names reveal distinct demands during referential processing: Evidence from ERPs. *Journal of Cognitive Neuroscience*, Supplement, 86.
- (10) Roehm, D. & Haider, H. (2007). The generation of syntactic structures: insights from EEG time-frequency analyses. *Journal of Cognitive Neuroscience*, Supplement, 164.
- (11) Roehm, D. & Haider, H. (2007). The generation of syntactic structures: insights from frequency-analyses. *Brain Topography*, 20, 47.
- (12) Roehm, D. & Burkhardt, P. (2008). The effect of the antecedent's definiteness and syntactic function on referential processing. *Journal of Cognitive Neuroscience*, Supplement, 222.
- (13) Schumacher, P. & Roehm, D. (2009). Syntactic position outranks syntactic function: Referential prominence revisited. *Journal of Cognitive Neuroscience*, Supplement.

Oral presentations

- Roehm, D. (1998). Elektrophysiologische Studien zur Sprachverarbeitung [= „Electrophysiological studies of language processing“]. Invited talk at the Workshop: FWF-Projects: P-11569, P-11571, P-115272 (Topic: Gehirnoszillationen, EEG und kognitive Prozesse [= „Brain oscillations, EEG, and cognitive processes“], Strobl am Wolfgangsee, Austria, 29th June, 1998.
- Roehm, D. (2000). EEG und Sprachverarbeitung: Projekt in Arbeit [= „EEG and language processing: A project in progress“]. Invited talk at the University of Salzburg (Department of Psychology), Salzburg, Austria, 14th April, 2000.
- Roehm, D., Haider, H., & Klimesch, W. (2001). Satzproduktion: EEG-Oszillationen während der Satzverarbeitung [= „Sentence production: EEG oscillations during sentence processing“]. Invited talk at the Workshop: „Neurokognition der Sprache“ [= „Neurocognition of Language“] (as part of the SFB 360, "Situierete künstliche Kommunikatoren" [= „Situating Artificial Communicators“]), University of Bielefeld, Germany, 14th – 16th February, 2001.
- Roehm, D., Haider, H., & Klimesch, W. (2001). Sentence production in the EEG in comparison with fMRI – results from an oscillatory study. Talk at the „23. Jahrestagung der Deutschen Gesellschaft für Sprachwissenschaft“, Leipzig, Germany, 28th February – 2nd March, 2001.
- Roehm, D. (2001). EEG-oscillations during sentence processing. Invited talk at the „Klausurtagung des Graduiertenkollegs: Sprachliche Repräsentationen und ihre Interpretation“, Kleinwalsertal, Germany, 23rd – 26th June, 2001.
- Roehm, D. (2001). Brain oscillations as correlates of semantic processing. Invited talk at the University of Stuttgart, Stuttgart, Germany, 28th June, 2001.
- Roehm, D., Haider, H. & Klimesch, W. (2001). EEG-oscillations during sentence processing. Talk at the „5. Fachtagung der Gesellschaft für Kognitionswissenschaft“, Leipzig, Germany, 25th - 28th September, 2001.
- Roehm, D. (2002). Sprache als dynamisches System: Sprachverarbeitung & Gehirnoszillationen [= „Language as a dynamical system: Language processing & brain oscillations“]. Invited talk at the „44. Tagung experimentell arbeitender Psychologen (TEAP)“, Chemnitz, Germany, 25th - 27th March, 2002.
- Haider, H., Roehm, D., Klimesch, W., Dogil, G., Ackermann, H., Grodd, W., Kamp, H., Mayer, J., Riecker, A., & Wildgruber, D. (2002). The speaking brain: EEG-oscillations and fMRI Studies in sentence production. Talk at the „19th Annual Workshop NTCS '02 (New Trends in Cognitive Science 2002)“, Salzburg, Austria, 2nd -5th May, 2002.

- Roehm, D., Schlesewsky, M., Bornkessel, I., & Haider, H. (2003). Frequenzanalytische Dissoziation nicht dissoziierbarer EKP-Komponenten: Ein neuer Weg zur Untersuchung sprachlicher Verarbeitungsprozesse [= „Frequency-analytical dissociation of non-dissociable ERP components: A new way of investigating language processing“]. Talk at the „12. Deutsches EEG/EP Mapping Meeting“, Giessen, Germany, 18th - 20th September, 2003.
- Roehm, D. (2004). Wenn das Gegenteil von schwarz nett ist: Die Verarbeitung von Antonym-Relationen [= „When the opposite of black is nice: The processing of antonymy-relations“]. Invited talk at the University of Salzburg (Department of Psychology), Salzburg, Austria, 20th Oktober, 2004.
- Roehm, D. (2004). Wenn das Gegenteil von schwarz nett ist: Die Verarbeitung von Antonym-Relationen [= „When the opposite of black is nice: The processing of antonymy-relations“]. Talk at the „13. Deutsches EEG/EP Mapping Meeting“, Giessen, Germany, 4th - 6th December, 2004.
- Roehm, D. (2005). Frequency-analytical dissociation of language-related ERP components. Invited talk at the: Tandem Workshop on Advanced Methods of Electrophysiological Signal Analysis and Symbol Grounding? Dynamical Systems Approaches to Language, Potsdam, Germany, 14th - 17th March, 2005.
- Bornkessel, I., McElree, B., Roehm, D., Friederici, A.D., & Schlesewsky, M. (2005). Processing different object cases: temporal and spatial issues. Talk at the „18th Annual CUNY Conference on Human Sentence Processing“, Tucson, Arizona, 31st March – 2nd April, 2005.
- Roehm, D. (2005). Distinguishing the indistinguishable: Frequency-based analyses of N400 effects. Invited talk at the Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, 30th August, 2005.
- Roehm, D. (2005). Event-related Brain Potentials in Language. Invited talk at the University of Iceland, Reykjavik, Iceland. 18th October, 2005.
- Roehm, D. (2005). Processing of case conflicts in Icelandic: An EEG-Study. Talk at the NWO-DFG project „Incremental interpretation of case and prominence workshop: Modelling incremental interpretation“, Radboud University Nijmegen, Netherlands, 28th - 29th November, 2005.
- Roehm, D. & Haider, H. (2006). The generation of syntactic structures: insights from frequency-analyses. Talk at the „15. Deutsches EEG/EP Mapping Meeting, Giessen“, Germany, 20th - 22nd October, 2006.
- Choudhary, K., Schlesewsky, M., Bornkessel, I., & Roehm, D. (2006). The Neurocognition of Ergativity: Evidence from Hindi. Talk at the „28th All India Conference of Linguistics“, Varanasi, India, 02nd November – 04th November, 2006.

Roehm, D. & Haider, H. (2007). Minimal structure in morphosyntactic processing: the case of particle verbs. Talk at the „29. Jahrestagung der Deutschen Gesellschaft für Sprachwissenschaft“, Siegen, Germany, 28th February - 2nd March, 2007.

Bornkessel-Schlesewsky, I., Roehm, D., & Schlesewsky, M. (2007, April). The neurocognition of real time argument interpretation in Icelandic. Talk at the „Germanic Linguistics Annual Conference (GLAC 13)“, Pennsylvania State University, State College, PA, USA.

Roehm, D. (2007). The perplexity of language-related ERP components: Some insights from time-frequency analysis. Invited talk at the University of Massachusetts, Amherst, Department of Psychology (Cognitive Brown Bag Talks), May 2nd, 2007.

Roehm, D. (2007). Frequenzbandanalysen [= „Frequency band analyses“]. Invited talk at the University of Marburg, Department of Germanic Linguistics (Forschungstreffen [= „Scientific meeting“]), November 8th, 2007.

Burkhardt, P. & Roehm, D. (2008). Syntactic function and definiteness determine the prominence of an antecedent: Revisiting the Repeated Name Penalty. Talk at the „21th Annual CUNY Conference on Human Sentence Processing“, Chapel Hill, North Carolina, 13th March – 15th March, 2008.

Roehm, D. (2010). Die Bedeutung des Deutschen für die Neurokognition der Sprache [= „The importance of German for the neurocognition of language“]. Talk at the „20th Scientific Readings Conference of the Faculty of Humanities“, Daugavpils University (Workshop: German Language as an object of modern linguistics research). Daugavpils, Latvia, 28th –29th January, 2010.

Roehm, D., Sorace, A., & Bornkessel-Schlesewsky, I. (2010). The processing of flexible syntax semantics mappings: A neurophysiological investigation of split intransitivity in German. Talk at the „Interdisciplinary Workshop on Verbs: The Identification and Representation of Verb Features“, Scuola Normale Superiore Pisa, Italy, 4th -5th November, 2010.

Roehm, D. & Krebs J. (2011). Gebärdensprache und Gehirn [= „Sign language and brain“]. Invited talk at the "Gehörlosenzentrum Salzburg" (Verband der Gehörlosenvereine im Lande Salzburg). Salzburg, Austria, 29th November, 2011.

Roehm, D. (2012). Verarbeitung von Gebärdensprache: Vergangenheit – Gegenwart - Zukunft [= „Processing of sign language: Past - present - future“]. Invited talk at the University of Salzburg, Department of Psychology in cooperation with the "Salzburger Gesellschaft für Psychologie". Salzburg, Austria, 1st February, 2012.

Freunberger D., Haider H., Roehm D. (2012). Predicting the predictable: The effect of proficiency on lexical-semantic processing strategies in adult L2 learners. Talk at

the „10. Tagung der Österreichischen Gesellschaft für Psychologie (ÖgP)“, University of Graz, Graz, Austria, 12th - 14th April, 2012.

Krebs, J. & Roehm, D. (2012). Predictive and semantic processing in Austrian sign language (ÖGS): An ERP study. Talk at the „10. Tagung der Österreichischen Gesellschaft für Psychologie (ÖgP)“, University of Graz, Graz, Austria, 12th - 14th April, 2012.

Roehm, D. (2012). Österreichische Gebärdensprache: experimentelle Beobachtungen und Konsequenzen. Invited talk at the Department of English Linguistics, University of Mainz (Germany), 14th May, 2012.

Freunberger, D. & Roehm, D. (2012). Predicting the predictable: Lexical-semantic processing strategies in adult L1/L2 speakers. PiF, Psycholinguistics in Flanders goes Dutch, Nijmegen (NL), 6th - 7th June, 2012.

Schabus, M., Pelikan, C., Chwala-Schlegel, N., Weilhart, K., Roehm, D., Donis, J., Michitsch, G., Pichler, G., Klimesch, W. (2012). Sentence comprehension in vegetative and minimally conscious state patients and their neuronal correlates. Talk at the “5th International Conference on Cognitive Science“, Kaliningrad, Russia, 19th - 23rd June, 2012.

Roehm, D. (2012). Die online-Verarbeitung von Subjekt-/Objekt-Relationen in ÖGS. Talk at the „39. Österreichische Linguistiktagung“, Innsbruck, Austria, 26th - 28th October, 2012.

Roehm, D., Krebs, J., & Wilbur, R. (2012). The online processing of classifier constructions in Austrian sign language (ÖGS): An ERP study. Talk at the „11th International Symposium of Psycholinguistics“, Tenerife, Canary Islands, Spain, 20th - 23rd March, 2013.

Poster presentations

Klimesch, W., Doppelmayr, M., Wimmer, H., Schabus, M., Röhms, D., Gruber, W., & Hutzler, F. (2001). Event-related band power changes in normal and dyslexic children. Poster presented at the „2001 Annual CNS Meeting“, New York, 25th-28th March, 2001.

Roehm, D. (2002). The N400 and oscillatory activity. Poster presented at the „Neurochemistry Winter Conference - Modeling Addiction: How closely do genetic, neurochemical, electrophysiological and behavioral experimental models predict human patterns of abuse and dependence“ supported by the European Commission DG XII "high level scientific conferences" HPCF-CT-2001-00440, Sölden (Ötztal), Austria, 6th -11th April, 2002.

- Schabus, M., Klimesch, W., Doppelmayr, M., Yonelinas, A., Kroll, N.E.A., Lazzara, M., Röhm, D., & Gruber, W. (2002). Enhanced theta oscillations reflect conscious awareness during memory retrieval. Poster presented at the „Tucson 2002 Meeting – Towards a science of consciousness“, Tucson, AZ, 8th-12th April, 2002.
- Roehm, D., Winkler, T., Swaab, T., & Klimesch, W. (2002). The N400 and delta oscillations: Is there a difference? Poster presented at the „2002 Annual Cognitive Neuroscience Society Conference“, San Francisco, California, 14th-16th April, 2002.
- Klimesch, W., Doppelmayr, M., Röhm, D., & Schack, B. (2002). The functional meaning of theta oscillations for memory. Poster presented at the „11th World Congress of Psychophysiology (IOP)“, Montreal, Quebec, Canada, 29th July – 3rd August, 2002.
- Roehm, D., Bornkessel, I., Frisch, S., Haider, H. & Schlesewsky, M. (2004). Distinguishing the indistinguishable: Frequency-based analyses of N400 effects. Poster presented at the „17th Annual CUNY Sentence Processing Conference“, Maryland. 25th – 27th March, 2004.
- Roehm, D., Bornkessel, I., Grewe, T., Haider, H., & Schlesewsky, M. (2005). When counting nodes is not the answer: Revisiting syntactic complexity. Poster presented at the „18th Annual CUNY Conference on Human Sentence Processing“, Tucson, Arizona, 31st March – 2nd April, 2005.
- Roehm, D., Haider, H., Bornkessel, I. & Schlesewsky, M. (2005). Syntactic complexity reconsidered: Why Germans don't count nodes. Poster presented at the „12th Annual Cognitive Neuroscience Society Conference“, New York, NY, 10th - 12th April, 2005.
- Diers, K., Roehm, D., Maess, B., Strobel, A., Nakamura, A., & Brocke, B. (2006). Localization of P3a and P3b. Poster presented at the „21st Annual Meeting of the Japanese Biomagnetism and Bioelectromagnetics Society“, Tokyo, 1st - 2nd June, 2006.
- Maess, B., Diers, K., & Roehm, D. (2006). The Processing of Antonym Relations: an MEG study. Poster presented at the „15th International Conference on Biomagnetism“, Vancouver, British Columbia, Canada, 20th - 26th August, 2006.
- Burkhardt, P. & Roehm, D. (2006). Effects of discourse prominence on two types of anaphoric dependencies. Poster presented at the „12th Annual Conference on Architectures and Mechanisms for Language Processing“, Nijmegen, The Netherlands, 30th August - 1st September, 2006.
- Roehm, D., Schlesewsky, M., & Bornkessel-Schlesewsky, I. (2007). Position or Morphology? An electrophysiological examination of incremental argument interpretation in Icelandic. Poster presented at the „20th Annual CUNY Conference on Human Sentence Processing“, La Jolla, California, 29th March – 31st March, 2007.

- Bornkessel-Schlesewsky, I., Kumar Choudhary, K., Roehm, D. & Schlewsky, M. (2007). The Neurocognition of Ergativity: Electrophysiological Evidence from Hindi. Poster presented at the „20th Annual CUNY Conference on Human Sentence Processing“, La Jolla, California, 29th March – 31st March, 2007.
- Burkhardt, P. & Roehm, D. (2007). Definite descriptions and proper names reveal distinct demands during referential processing: Evidence from ERPs. Poster presented at the „14th Annual Cognitive Neuroscience Society Conference“, New York, NY, 5th-8th May, 2007.
- Roehm, D. & Haider, H. (2007). The generation of syntactic structures: insights from frequency-analyses. Poster presented at the „14th Annual Cognitive Neuroscience Society Conference“, New York, NY, 5th-8th May, 2007.
- Choudhary, K., Schlewsky, M., Roehm, D., & Bornkessel-Schlesewsky, I. (2007). The role of animacy in the processing of ergative constructions: evidence from Hindi. Poster presented at the „13th Annual Conference on Architectures and Mechanisms for Language Processing“, Turku, Finland, 24th August - 27th August, 2007.
- Roehm, D. & Haider, H. (2007). Minimal structure in morphosyntactic processing: the case of particle verbs. Poster presented at the „3rd Annual Conference of the Centre for Cognitive Science“, Leipzig, Germany, 15th November, 2007.
- Burkhardt, P. & Roehm, D. (2007). Effects of discourse prominence on two types of anaphoric dependencies. Poster presented at the „3rd Annual Conference of the Centre for Cognitive Science“, Leipzig, Germany, 15th November, 2007.
- Roehm, D., Muralikrishnan, R., Philipp, M., & Bornkessel-Schlesewsky, I. (2008). Comparing ERP effects across languages: A frequency-based analysis. Poster presented at the „Extended Scientific Advisory Board MPI for Human Cognitive and Brain Sciences“, Leipzig, Germany, 16th – 18th January, 2008.
- Roehm, D. & Burkhardt, P. (2008). The effects of the antecedent's definiteness and syntactic function on referential processing. Poster presented at the „15th Annual Cognitive Neuroscience Society Conference“, San Francisco, California, 12th-15th April, 2008.
- Roehm, D. & Sorace, A. (2008). ERP signatures of auxiliary selection in German. Poster presented at the „14th Annual Conference on Architectures and Mechanisms for Language Processing“, Cambridge, UK, 4th - 6th September, 2008.
- Schumacher, P. & Roehm, D. (2009). Syntactic position outranks syntactic function: Referential prominence revisited. Poster presented at the „16th Annual Cognitive Neuroscience Society Conference“, San Francisco, California, 21st-24th March, 2009.

- Roehm, D. & Schumacher, P. (2009). Unraveling the hierarchical organisation of different prominence scales: When syntactic function is outranked by syntactic position. Poster presented at the „22nd Annual CUNY Conference on Human Sentence Processing“, Davis, California, 26th March – 28th March, 2009.
- Widerin, B., Hummer, P., Kaltenbacher, Th., Röhm, D. & Haider, H. (2010). Speechreading in Dyslexia: Multimodal Speech Processing under Difficult Conditions. Poster presented at the Workshop „Psycholinguistic approaches to speech recognition in adverse conditions“, University of Bristol, UK, 8th -10th March, 2010.
- Roehm, D. & Sorace, A. (2010). ERP signatures of auxiliary selection in German. Poster presented at the „16th Annual Conference on Architectures and Mechanisms for Language Processing“, York, UK, 6th - 8th September, 2010.
- Roehm, D., Krebs, J., & Wilbur, R. (2012). An ERP study of semantic processing in Austrian sign language (ÖGS): The distinct case of antonyms and classifiers. Poster presented at the „25th Annual CUNY Conference on Human Sentence Processing“, New York, New York, 14th March – 16th March, 2012.
- Roehm, D. & Freunberger, D. (2012). Predicting the predictable: The effect of proficiency on lexical-semantic processing strategies in adult L2 learners. Poster presented at the „25th Annual CUNY Conference on Human Sentence Processing“, New York, New York, 14th March – 16th March, 2012.
- Roehm, D., Krebs, J., & Wilbur, R. (2012). The online processing of classifier constructions in Austrian sign language (ÖGS): An ERP study. Poster presented at the „Fourth Annual Neurobiology of Language Conference (NLC)“, Donostia - San Sebastian, Spain, 25th October - 27th October, 2012.

Public relations

Media coverage - Radio / Television

07/2003 Roehm, D. & Haider, H. *Oszillationsanalysen für Sprachverständnis. Neueste Methode zur Erforschung der Sprachproduktion und des Sprachverständnisses* [= „Oscillatory analyses of language comprehension: A newest method for the investigation of language production and language processing“] (Dietmar Roehm, Philipps University of Marburg; Hubert Haider, University of Salzburg). In: **Radio Österreich 1**; Dimensionen - Die Welt der Wissenschaft im Überblick.

Media coverage - Newspapers / Magazines

11/2009 LESEFÄHIGKEIT: Der "Briefkasten" in unserem Gehirn [= „Reading ability: The letter box in our brain“]. Interview for: derStandard.at › Wissenschaft › Innovation.

07/2012 „Mit den Händen sprechen - mit den Augen hören“ [= „Speak with the hands - hear with the eyes“] KinderUNI [children university].

Ad-hoc reviewer

- Brain and Language
- Brain Research Bulletin
- Chaos and Complexity Letters
- Cognition
- Cognitive Brain Research
- International Journal of Bifurcation and Chaos
- Journal of Cognitive Neuroscience
- NeuroImage
- Neuroscience Letters

Academic memberships

- Cognitive Neuroscience Society
- German Linguistics Society

University services / Committee work

- Library Commission (Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany)
- Doctoral Committee (Faculty of Cultural & Social Sciences, University of Salzburg, Austria)

- Chair of the Curriculum Committee (Department of Linguistics, University of Salzburg, Austria)
- Habilitation Committee (Faculty of Philological and Cultural Studies, University of Vienna, Austria)
- Project coordinator of the Department of Linguistics within the newly established „Center for Multilingual Learning and Teaching Research“ at the University Salzburg (Austria)

Teaching experiences

(WS = Winter term; SS = Summer term)

WS 1994/95	Grammatische Analyse [= „Grammatical analysis“] (Teaching assistant for A. Woellstein; University of Stuttgart)
WS 1995/96	Einführung Linguistik [= „Introduction to Linguistics“] (Teaching assistant for Prof. Sten Vikner, University of Stuttgart)
SS 1996	Deutsche Grammatik: Infinitivsyntax [= „German Grammar: Syntax of Infinitives“] (Teaching assistant for Prof. Hubert Haider, University of Stuttgart)
WS 2001/02	Neurolinguistik: Sprache im EEG [= „Neurolinguistics: Language and EEG“] (Lecture series) (University of Salzburg)
WS 2001/02	Kognitive Analyse des Lesens I [= „Cognitive analysis of reading I“] (Seminar together with Prof. Heinz Wimmer, University of Salzburg)
SS 2002	Kognitive Analyse des Lesens II [= „Cognitive analysis of reading II“] (Seminar together with Prof. Heinz Wimmer, University of Salzburg)
SS 2002	EEG und Sprachverarbeitung [= „EEG and language processing“] (Seminar together with Prof. Hubert Haider, University of Salzburg)
WS 2002/03	Neurolinguistik: Bildgebende Verfahren [= „Neurolinguistics: Imaging methods“] (Seminar, University of Salzburg)
WS 2002/03	Neurolinguistik: Sprache im EEG [= „Neurolinguistics: Language and EEG“] (Lecture series) (University of Salzburg)
SS 2003	Einführung in die Neurolinguistik [= „Introduction to Neurolinguistics“] (Seminar, University of Salzburg)
SS 2003	Experimentelle Methoden der Psycho- und Neurolinguistik [= „Experimental methods in Psycho-/Neurolinguistics“] (Tutorial, University of Marburg)
SS 2004	Einführung in die Linguistik des Deutschen II [= „Introduction to Linguistics of German II“] (Seminar, University of Marburg)
SS 2004	Einführung in die Neurolinguistik [= „Introduction to Neurolinguistics“] (Seminar, University of Salzburg)
WS 2004/05	Einführung in die Linguistik des Deutschen II, [= „Introduction to Linguistics of German II“] (Seminar, University of Marburg)
SS 2005	Einführung in die Linguistik des Deutschen II, [= „Introduction to Linguistics of German II“] (Seminar, University of Marburg)
WS 2007/08	Methodik & Interpretation von Frequenzbandanalysen [= „Methods and interpretation of frequency band analyses“] (Seminar, University of Marburg)
WS 2008/09	Einführung in die Statistik für Psycho-/Neurolinguisten [= „Introduction to Statistics for Psycho-/Neurolinguists“] (Introductory seminar, University of Salzburg)
WS 2008/09	Einführung in die Sprachverarbeitung [= „Introduction to language processing“] (Lecture, University of Salzburg)
WS 2008/09	Experimentelle Methoden der Psycholinguistik [= „Experimental methods in Psycholinguistics“] (Introductory seminar, University of Salzburg)
SS 2009	Modelle der Satzverarbeitung [= „Models of sentence processing“] (Introductory seminar, University of Salzburg)
SS 2009	Experimentelle Paradigmen der Psycholinguistik [= „Experimental paradigms in Psycholinguistics“] (Introductory seminar, University of Salzburg)
SS 2009	Diskursverarbeitung: elektrophysiologische Befunde [= „Discourse processing: electrophysiological findings“] (Lecture with discussion, University of Salzburg)

WS 2009/10	Neurolinguistik [= „Neurolinguistics“] (Lecture, University of Salzburg)
WS 2009/10	Einführung in die Statistik [= „Introduction to Statistics“] (Introductory seminar, University of Salzburg)
WS 2009/10	Übung zur Einführung in die Statistik [= „Tutorial for the Introduction to Statistics“] (Tutorial, University of Salzburg)
WS 2009/10	Sprachproduktion [= „Language production“] (Seminar, University of Salzburg)
WS 2009/10	Privatissimum und Projektseminar [= „Privatissimum and project seminar“] (Privatissimum, University of Salzburg)
SS 2010	Experimentelle Methoden der Psycholinguistik [= „Experimental methods in Psycholinguistics“] (Introductory seminar, University of Salzburg)
SS 2010	Privatissimum und Projektseminar [= „Privatissimum and project seminar“] (Privatissimum, University of Salzburg)
SS 2010	Einführung in die Sprachverarbeitung [= „Introduction to language processing“] (Lecture, University of Salzburg)
WS 2010/11	Verarbeitung von Kernrelationen aus einer typologischen Perspektive [= „Processing of core syntactic relations from a typological perspective“] (Seminar, University of Salzburg)
WS 2010/11	Privatissimum und Projektseminar [= „Privatissimum and project seminar“] (Privatissimum, University of Salzburg)
WS 2010/11	Psycho- und neurolinguistische Grundlagen des L2+ Erwerbs [= „Psycho- and Neurolinguistic basics of L2+ acquisition“] (Lecture, University of Salzburg)
SS 2011	Einführung in die Statistik [= „Introduction to Statistics“] (Introductory seminar, University of Salzburg)
SS 2011	Übung zur Einführung in die Statistik [= „Tutorial for the Introduction to Statistics“] (Tutorial, University of Salzburg)
SS 2011	Experimentelle Paradigmen der Psycholinguistik [= „Experimental paradigms in Psycholinguistics“] (Introductory seminar, University of Salzburg)
SS 2011	Neurolinguistik [= „Neurolinguistics“] (Lecture, University of Salzburg)
SS 2011	Privatissimum und Projektseminar [= „Privatissimum and project seminar“] (Privatissimum, University of Salzburg)
SS 2011	Forschungsseminar [= „Research seminar“], 2 SWS (Seminar, University of Salzburg)
WS 2011/12	Psycho- und neurolinguistische Grundlagen des L2+ Erwerbs [= „Psycho- and Neurolinguistic basics of L2+ acquisition“], 2 SWS (Lecture, University of Salzburg)
WS 2011/12	Einführung in die Statistik [= „Introduction to Statistics“], 2 SWS (Introductory seminar, University of Salzburg)
WS 2011/12	Übung zur Einführung in die Statistik [= „Tutorial for the Introduction to Statistics“], 1 SWS (Tutorial, University of Salzburg)
WS 2011/12	Privatissimum und Projektseminar [= „Privatissimum and project seminar“], 1 SWS (Privatissimum, University of Salzburg)
SS 2012	Neurolinguistik, [= „Neurolinguistics“], 2 SWS (Lecture with discussion, University of Salzburg)
SS 2012	Projektpraktikum, [= „Project practical course“], 2 SWS (Seminar, University of Salzburg)
SS 2012	Methodenpraktikum [= „Methodical practical course“], 2 SWS (Introductory seminar, University of Salzburg)
SS 2012	Privatissimum und Projektseminar [= „Privatissimum and project seminar“], 1 SWS (Privatissimum, University of Salzburg)
SS 2012	Gebärdensprache und Gehirn, [= „Sign language and brain“], 2 SWS (Introductory seminar, University of Salzburg)
SS 2012	Einführung Sprachwissenschaft [= Introduction to Linguistics“], 4 SWS (Introductory seminar, University of Mainz)
SS 2012	Pragmatik / Semantik: Implikaturen & Präsuppositionen [= „Semantics/Pragmatics: Implicatures & Presuppositions“], 2 SWS (Seminar, University of Mainz)
WS 2012/13	Privatissimum und Projektseminar [= „Privatissimum and project seminar“], 1 SWS (Privatissimum, University of Salzburg)
WS 2012/13	Einführung in die Statistik [= „Introduction to Statistics“], 2 SWS (Introductory seminar, University of Salzburg)

WS 2012/13	Sprachverarbeitung: Einführung in die Psycholinguistik [= „Language Processing: Introduction to psycholinguistics“] (Lecture, University of Salzburg), 2 SWS (Introductory seminar, University of Salzburg)
WS 2012/13	Psycho- und neurolinguistische Grundlagen des L2+ Erwerbs [= „Psycho- and Neurolinguistic basics of L2+ acquisition“], 2 SWS (Lecture, University of Salzburg)
WS 2012/13	Sprachperzeption: Einführung in Themenbereich, Experimentalaufbau und Durchführung (mit Praat-Modul M(ultiple) F(Forced) C(hoice) [Speech Perception: Intro to topics and issues, experimental set-up, operation and control with Praat- M(ultiple) F(Forced) C(hoice)-module], 2 SWS (Project seminar, University of Salzburg)

Theses supervised:

MA/MSc

- Nina Irlacher (*Hyperlexie* [= „*Hyperlexia*“]. Department of Linguistics, University of Salzburg, 2009)
- Julia Zaunmüller (*Landau-Kleffner-Syndrom: Sprachverarbeitung im Kontext von Ursachen, Diagnostik und Therapie* [= *Landau-Kleffner-Syndrome: Language processing in the context of causes, diagnostics, and therapy*“]. Department of Linguistics, University of Salzburg, 2010)
- Bettina Spalt (*Hochbegabung und Lese-Rechtschreibstörung: Ein SAT Experiment zur Untersuchung des Leseverhaltens hochbegabter Kinder und Kindern mit Lese-Rechtschreibstörung, auf der Basis syntaktisch ambiger Sätze* [= „*Giftedness and dyslexia: An SAT experiment on the reading behaviour of gifted children and children with dyslexia on the basis of syntactically ambiguous sentences*“]. Department of Linguistics, University of Salzburg, 2011)
- Ena Rogalo (*Partielle Adaption des Aachener Aphasie Tests in das Kroatische* [= „*Partial adaption of the Aachen Aphasia Test to Croatian Language*“]. Department of Linguistics, University of Salzburg, 2011)
- Ulrike Kagel (*Die Rolle des anterioren Temporallappens und des posterioren mittleren temporalen Gyri bei lexikalisch-semantischer Verarbeitung: ein rTMS Experiment* [= „*The role of the anterior temporal lobe and the posterior middle temporal gyrus for lexical-semantic processing: An rTMS experiment*“]. Department of Linguistics, University of Salzburg, 2011)
- Dominik Freunberger (*Processing a Second Language: Neurocognitive Correlates of Second Language Proficiency*. Department of Linguistics, University of Salzburg, 2011)
- Martha Hofinger (*Verarbeitung von Grammatischen Illusionen am Beispiel von Infinitivkonstruktionen: Eine EEG-Studie* [= „*The processing of grammatical illusions using the example of infinitive constructions in German: An EEG study*“]. Department of Linguistics, University of Salzburg, 2012)

MA/MSc (*in progress*):

- Laura Bisaccia (**Working title:** *Asymmetrical switching costs in bilinguals*. Department of Linguistics, University of Salzburg)
- Stephanie Pucher (**Working title:** *Syntaktische Analyse und Reanalyse bei Garden-Path-Sätzen – Experimentelle Studie zum Satzleseverständnis bei Legasthenikern* [= „*Syntactic analysis and reanalysis of garden-path sentences: An experimental study of the sentence comprehension of dyslexics*“]. Department of Linguistics, University of Salzburg)
- Verena Kopp (**Working title:** *Subjektpräferenz: Testung anhand des Visual World Paradigms* [= „*Subject preference: An experiment with the Visual World Paradigm*“]. Department of Linguistics, University of Salzburg)
- Katrin Windbühler (**Working title:** *Semantische Verarbeitung von Gegensatzpaaren in ÖGS: Eine EEG-Studie* [= „*The semantic processing of contrastive word pairs in Austrian sign language: An EEG study*“]. Department of Linguistics, University of Salzburg)
- Julia Krebs (**Working title:** *Subjektpräferenz: ein modalitätsunabhängiges Phänomen Eine EKP-Studie zur Österreichischen Gebärdensprache* [= „*Subject preference: a modality independent phenomenon? An ERP study on Austrian Sign Language*“]. Department of Linguistics, University of Salzburg)

PhD (*in progress*)

- Sandra Wimmer (**Working title:** *Sentence Processing in Individuals with Alzheimer’s Disease and Mild Cognitive Impairment: An ERP Study*. Department of Linguistics, University of Salzburg)
- Dominik Freunberger (**Working title:** *TBA*. Department of Linguistics, University of Salzburg)
- Michaela Koll (**Working title:** *TBA*. Department of Linguistics, University of Salzburg)

PhD (co-supervisor) (*in progress*)

- Thomas Kaltenbacher (**Working title:** *Bimodal Speech Perception and Information Processing in Dyslexia*. Department of Linguistics, University of Salzburg)
- Britta Widerin (**Working title:** *Multimodale Sprachverarbeitung (Speechreading) bei Legasthenie* [= „*Multimodal language processing (speechreading) with dyslexia*“]. Department of Linguistics, University of Salzburg)

External reviewer:

- Dr. Evie Malaia (Promotion to the research rank of Assistant Scientist), Indiana University (Bloomington, IN, USA)

Interactions and international research collaborations

- *Charles Clifton & Adrian Staub* (Department of Psychology, University of Massachusetts, Amherst, MA, USA); eye tracking
- *Keith Rayner* (Department of Psychology, University of California, San Diego, CA, USA); eye tracking
- *Ina Bornkessel-Schlesewsky* (Research group Neurolinguistics, University of Marburg, Germany); data-analytical methods for the measurement of single trial analysis in the realm of typology and language impairment
- *Antonella Sorace* (Linguistics and English Language, University of Edinburgh, UK); language development, language processing
- *Matthias Schlewsky* (Department of English and Linguistics, University of Mainz, Germany); language processing, methods
- *Gisbert Fanselow* (Department of Linguistics, University of Potsdam, Germany); theoretical modelling
- *Petra (Burkhardt) Schumacher* (Emmy Noether Junior Research Group, University of Mainz, Germany); information structure, discourse processing, inferences, word order variations typologically
- *Ronnie Wilbur* (Purdue University, West Lafayette, IN, USA); sign language, event structure
- *Evie Malaia* (Indiana University, Bloomington, IN, USA); sign language, event structure
- *Pierre Maquet & Steven Laureys* (Cyclotron Research Centre, University of Liege, Belgium); comatose, vegetative and minimally conscious patients
- *Manuel Schabus* (Department of Psychology, University of Salzburg, Austria); comatose, vegetative and minimally conscious patients