

## CURRICULUM VITAE

D. Robert LADD  
Professor of Linguistics, Emeritus  
School of Philosophy, Psychology and Language Sciences  
University of Edinburgh

*Date of birth:* 5 March 1947

*Citizenship:* American and British

### *University education and degrees:*

1970-72 and 1975-78: Cornell University, Ithaca, New York, USA  
M.A. in Linguistics, August 1972; Ph.D. in Linguistics, May 1978

1964-68: Brown University, Providence, Rhode Island, USA  
A.B. *magna cum laude*, with Highest Honours in Linguistics, June 1968

### *Career summary:*

Since retirement:

- October 2011: Formally named Professor Emeritus, University of Edinburgh.
- August 2011-July 2017: Honorary Professorial Fellow, University of Edinburgh; some continued involvement with teaching and supervision.
- October-November 2014: Visiting Professor, Institut für Vergleichende Sprachwissenschaft, University of Zurich.

University of Edinburgh:

October 1997 – July 2011: Professor of Linguistics, University of Edinburgh

- August 2008-June 2010: Acting Head of School of Philosophy, Psychology and Language Sciences, University of Edinburgh.
- August 2000-July 2003: Head of Department/Subject Area, Theoretical and Applied Linguistics, University of Edinburgh.
- March-July 2000: Visiting Professor, Dept. of Cognitive Science, Johns Hopkins University.

October 1989 - September 1997: Reader, Dept. of Linguistics, University of Edinburgh

- Summer 1997: member of staff of Linguistic Society of America summer institute, Cornell University.
- Summer 1995: Visiting scholar, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.
- March-August 1994: Van Houten Fellow (visiting researcher), Institute for Perception Research (IPO), Eindhoven, The Netherlands.

January 1985 - September 1989: Lecturer, Dept. of Linguistics, University of Edinburgh.

Earlier appointments since graduation:

- Autumn 1984: Visiting Assistant Professor, Dept. of Modern Languages and Linguistics, Cornell University, USA
- 1983-84: Research Fellow, Laboratory of Experimental Psychology, University of Sussex
- 1981-83: Research Associate, Dept. of Psychology, University of Giessen, Germany
- 1980-81: Visiting Assistant Professor, Dept. of Modern Languages, Bucknell University, USA; also Visiting Lecturer, Dept. of Linguistics, University of Pennsylvania, USA
- 1979-80: Acting Assistant Professor, Dept. of Modern Languages and Linguistics, Cornell University, USA
- 1978-79: Lector (Fulbright Exchange Scholar), English Department, University of Cluj, Romania
- 1977-78: Instructor, Dept. of Modern Languages and Linguistics, Cornell University, USA
- 1972-73: Lektor, English Department, University of Heidelberg, Germany
- 1968-70: Military service, U. S. Army

*Major research interests and research leadership:*

From the beginning of my doctoral research in 1975 until about ten years ago, my work centred on intonation and prosody. My doctoral thesis on intonational meaning was the source of the now standard terms 'broad focus' and 'narrow focus', and my 1981 paper on negative questions has recently inspired considerable discussion in formal semantics. Since the early 1980s, though, my prosody research has dealt primarily with phonological and phonetic questions. In the early 1990s I was an outside consultant in the discussions that led to the formulation of the original ToBI standard for prosodic transcription of English. A specific focus of my own work has been the search for evidence of the existence of localised targets in pitch contours, including the questions of how such targets are scaled relative to the speaker's voice range and how they are temporally coordinated with the segmental string. With regard to the last of these, my work with Amalia Arvaniti and others established the notion of 'segmental anchoring', which was a focus of research in the first decade of this century. My book [Intonational Phonology](#) rapidly became a key text on intonation after the first edition appeared in 1996, and since the publication of the second edition in 2008 it is now, according to Google Scholar, the single most widely cited source in the field.

More generally, throughout my career I have been active in promoting the approach known as 'Laboratory Phonology', which aims to make instrumental and experimental data an integral part of theoretical work on phonology and to treat theoretical issues in phonology as a basis for experimental research in phonetics and psycholinguistics. In the late 1980s I played a role in establishing the Laboratory Phonology conference series and ensuring that it became international rather than dominantly American. I was elected as the first president of the Association for Laboratory Phonology when it was founded in 2010 and served in this role until July 2014.

Since about 2000 my research has increasingly dealt with broader questions about phonology and about language more generally. My book *Simultaneous Structure in Phonology* (2014) brings together several strands of this work with my lifetime work on prosody and intonation. I have also developed a number of specific topics in the past ten years, mostly in collaboration with younger colleagues. For example, two AHRC-funded projects on Dinka (a language of South Sudan), in collaboration with my Edinburgh colleague Bert Remijsen and others (2006-2012), have

led to publications on topics well beyond the specific focus of the grants. The first was the basis of a discussion note in *Language* (2009) on the implications of Dinka noun morphology for Pinker's 'dual-route' notion of irregularity; the second has led me into research on musical text-setting in tone languages. This latter topic is the subject of an AHRC Early Career Fellowship (2015-16) held by my Edinburgh colleague James Kirby, with me as named mentor.

In 2007 Dan Dediu and I published a paper in *Proceedings of the National Academy of Sciences (PNAS)* showing that the uneven geographical distribution of different variants of two human genes involved in brain development is mathematically correlated with the uneven geographical distribution of tone languages. We proposed that the relationship is mediated by a 'cognitive bias' attributable to the genetic differences, which affects the transmission of language over many generations (more detail can be found [here](#)). Subsequently a study directly motivated by our paper (P. Wong et al., *PLoS-1*, 2012) reported different responses to linguistic pitch that are correlated with one of the two genes we discussed. Our own follow-up work focused on individual differences in pitch perception, including a study published in *Journal of Experimental Psychology: Human Perception and Performance* in 2013. Dediu is at the Max Planck Institute for Psycholinguistics in Nijmegen and directs a five-year Dutch Research Organisation (NWO) "Vidi" postdoctoral grant entitled "The influence of genetic biases on the evolution, universal properties and diversity of speech and language".

#### ***Honours and awards:***

I was elected a Fellow of the British Academy in 2015 and a member of the Academia Europaea in 2016.

#### ***Large research grants:***

1. 'Pragmatic factors in the intonation of synthesised spoken dialogue' (ESRC, November 1991-October 1993, £90k). Co-PI: Dr. Judy Delin, University of Sussex.
2. 'Discontinuities in the perception of intonational continua' (ESRC, October 1993-September 1994, £23k). Rated *Good* in post-project evaluation.
3. 'Phonetic and phonological properties of tonal targets in Modern Greek intonation' (ESRC, July 1995-June 1997, £80k). Rated *Outstanding* in post-project evaluation. Co-PI: Dr. Amalia Arvaniti, University of Cyprus (now University of Kent).
4. 'Alignment of Fundamental Frequency Targets in English and Dutch' (ESRC, February 1998-June 2001, £83k). Rated *Outstanding* in post-project evaluation. Main RA: Dr. Astrid Schepman (now University of Chester).
5. 'Stress in Nilotic: A Typological Challenge' (AHRC, September 2005-August 2008, £193k). Main RA: Dr. Bert Remijsen. Project website: [www.ling.ed.ac.uk/nilotic/](http://www.ling.ed.ac.uk/nilotic/).
6. 'Simultaneous and Sequential Structure in Language' (Leverhulme Personal Research Fellowship, January 2007-June 2008, £16k). Some details at [www.ling.ed.ac.uk/~bob/lhulme.html](http://www.ling.ed.ac.uk/~bob/lhulme.html).

7. 'Metre and Melody in Dinka Speech and Song' (AHRC, January 2009-March 2012, £450k). Part of the AHRC's 'Beyond Text' group of projects. Co-PIs Prof. Miriam Meyerhoff (now Victoria University of Wellington) and Dr. Angela Impey (SOAS); main RA: Dr. Bert Remijsen. Project website: <http://projects.beyondtext.ac.uk/dinkaspeech/index.php>.

*Teaching experience:*

General: In Edinburgh my principal teaching responsibility was the core courses in phonology. I also designed and taught more general introductory and intermediate courses aimed primarily at students who do not intend to specialise in linguistics. Throughout my career I have also actively engaged undergraduates in research; half a dozen of my published papers had their origins in undergraduate Honours dissertations.

Specialised advanced courses: I taught graduate seminars and advanced undergraduate option courses on intonation and prosody at Cornell, University of Pennsylvania, and (for many years) Edinburgh. I have also taught specialised courses at the following workshops and institutes:

- two-week course on intonation, PILEI Summer Linguistics Institute, Cornell (Summer 1981)
- two-week course on intonation and prosody, 5th European Summer School on Logic, Language, and Information (ESSLLI), University of Lisbon (Summer 1993)
- three-day mini-course on intonation, Summer School on Language Description and Fieldwork, Dept. of Linguistics, University of Cologne (Summer 1993)
- one-week course on intonation for students in linguistics and languages, under a World Bank development grant to assist universities in the former communist countries of Central and Eastern Europe, Kossuth Technical University, Debrecen, Hungary (September 1995)
- three-week course on intonation at the Linguistic Society of America's biennial summer institute, Cornell University (Summer 1997)
- advanced workshop on prosody (five-day intensive course for French-speaking Swiss postgraduate and postdoctoral researchers in linguistics, psychology, and speech technology; I taught one full day of the five-day course), Champéry, Switzerland (March 1998)
- three-day mini-course on intonation, co-taught with Jacques Terken of Eindhoven University, University of Trondheim (September 1999)
- postgraduate/staff seminar on phonetic issues in phonology, Cognitive Science Department, Johns Hopkins University (March-May 2000)
- three-day mini-course on intonation and prosodic transcription of dialogue, Socrates exchange at University of Naples (March 2001)
- four-day mini-course on intonation and prosody for language fieldwork and language documentation, as part of the new Master's degree on documenting endangered languages, School of Oriental and African Studies, London (April 2004)
- half-day tutorial on phonetic aspects of prosody, Leipzig Workshop on Experimental Prosody Research, Leipzig (October 2004)
- half-day tutorial on phonetic aspects of prosody, Speech Science and Technology Conference, Melbourne (December 2010)

- week-long lecture series on prosody and phonology, Jinan University, Guangzhou (May 2013)
- five-week course on prosody and language design, University of Zurich (Autumn 2014)
- three-day mini-course on stress, accent and tone, ABRALIN summer institute, Niteroi, Brazil (planned, March 2017)

*Postgraduate research supervision and examining:*

I was primary supervisor or co-supervisor for 25 completed Edinburgh PhDs. My past students include Haruo Kubozono (Ph.D. 1989; Director of the Department of Linguistic Theory and Structure at the National Institute for Japanese Language and Linguistics, Tokyo), Jim Scobbie (Ph.D. 1990; Professor of Speech Science at the Clinical Audiology, Speech and Language Research Centre at Queen Margaret University, Edinburgh), Ineke Mennen (Ph.D. 1999; Professor of Bilingualism at the University of Graz), and Sasha Calhoun (Ph.D. 2006; Senior Lecturer in Linguistics at Victoria University of Wellington). I also played an active role in supervising 5 PhD students outside Edinburgh on official or semi-official arrangements with their host universities (in Egypt, Brazil, the Netherlands, and Germany). I have supervised approximately 20 MPhil and MSc dissertations.

I have served as external examiner for postgraduate research qualifications as follows:

- Doctorat d'État, University of Paris VII, March 1986
- D.Phil., University of York, May 1987
- Ph.D., University of Manchester, November 1987
- Ph.D., Lund University, December 1987
- Ph.D., University of Canterbury, New Zealand, January 1988
- Tesi di Perfezionamento, Scuola Normale Superiore, Pisa, March 1990
- Doctorat d'État, University of Provence (Aix), November 1991
- Ph.D., University of Manchester, January 1994
- Ph.D., University of Utrecht, January 1996
- Ph.D., University College London, April 1996
- Ph.D., Max Planck Institute for Psycholinguistics, Nijmegen, March 1998
- Ph.D., University of Lisbon, April 1999
- Ph.D., University of Melbourne, May 2002
- D.Phil., University of Cambridge, November 2003
- D.Phil., University of Cambridge, April 2004
- D.Phil., University of Saarbrücken, July 2004
- Ph.D., University of Manchester, November 2004
- Ph.D., University of Nijmegen, January 2005
- Habilitation à diriger les recherches, University of Toulouse, June 2005
- Habilitation à diriger les recherches, University of Paris III, June 2005
- Ph.D., University of Aston (Birmingham), September 2005
- Dr.Phil., University of Saarbrücken, October 2005
- D.Phil., Macquarie University (Sydney), December 2005
- Ph.D., School of Oriental and African Studies (London), May 2006
- Dr.Phil., University of Saarbrücken, June 2007

- Ph.D, Trinity College Dublin, January 2008
- Ph.D., Yale University, April 2008
- Ph.D., University of Tilburg, October 2008
- Dr.Phil., University of Leipzig, November 2008
- Doctorat d'État, Université de Provence (Aix), December 2008
- Ph.D., University of Nijmegen, April 2009
- Ph.D., University of Nijmegen, March 2010
- D.Phil., University of Cambridge, December 2011
- Ph.D., University of British Columbia, November 2012
- Ph.D., University of Bangor, March 2014
- Doctorat d'État, Université Libre de Bruxelles, April 2016

**Major administrative roles:**

- Head of Department (Theoretical and Applied Linguistics), August 2000 - July 2002 (continuing as head of subject area after the University's restructuring, August 2002 - July 2003). During the restructuring I played a major part in bringing together the departments that formed the new School of Philosophy, Psychology and Language Sciences, and continued as a member of the School Management Committee (except during the period of my Leverhulme Fellowship in 2007-08) until 2010.
- Acting Head of School (Philosophy, Psychology and Language Sciences), August 2008- June 2010. I volunteered at short notice to serve for a year when our Head of School unexpectedly moved to a higher administrative role within the University, and agreed to stay on for an additional year in the wake of further unexpected changes in senior administrative positions in the School and College.

**Editorial work:**

Throughout my career I have been committed to editorial work, seeing it as an important way to influence the direction of research in the field. My long association with *Phonology* has helped ensure its continued publication of laboratory-based research.

- Co-Editor (with Ellen Gurman Bard) of *Language and Speech* (1994-2000).
- Associate Editor of *Phonology* (1996-present). (I am one of ten associate editors, each responsible for processing reviews of half a dozen papers each year.)
- Member of Editorial Boards: *Linguistics* (1985-present); *Journal of Linguistics* (1989-present); *Phonology* (1991-1996); *Journal of Phonetics* (2012-present).

In addition, I regularly referee half a dozen papers a year for journals other than those listed above, including *Journal of the Acoustical Society of America*, *Language*, *Phonetica*, *Laboratory Phonology*, *International Journal of American Linguistics*, *PLoS-1*, *Language Cognition and Neuroscience*, *Cognition*, *Psychological Bulletin*, *Speech Communication*, and *Language Variation and Change*.

***Other professional activities:***

I was a member (2006-2013) of the *Fachbeirat* (Scientific Advisory Council) of the Max Planck Institute for Psycholinguistics, Nijmegen. Main responsibility was participation in biennial site visits, following which we provided in-depth reports on the Institute's work directly to the President of the Max Planck Society.

Since the mid-1980s I have regularly reviewed 2-4 research proposals a year for various funding bodies in a number of countries, especially the ESRC, AHRC, and British Academy, the US National Science Foundation, the Canadian Social Science and Humanities Research Council, and the German Research Foundation (Deutsche Forschungsgemeinschaft).

I have twice served as an outside reviewer for the German Research Foundation on the establishment of special research funds (*Forschungsschwerpunkt*), one on intonation (1981-1988) and one on laboratory phonology (2006-2012). This involved evaluating both group and individual proposals and occasional involvement with group meetings and workshops. In 2006 I also served as a panel member to evaluate proposals submitted to a special programme for funding centres of excellence ('*Exzellenzinitiative*') in Linguistics, Psychology and Education. In 2013 I served on a similar panel for a special research programme for the Volkswagen Foundation.

I was the outside evaluator of a major four-year interdisciplinary research programme on prosody (1998-2002), University of Geneva, January 2003, and the outside evaluator of the phonetics programme at the University of Utrecht (UiL-OTS), March 2003.

I was the co-organiser (with G. J. Docherty) of the Second Conference on Laboratory Phonology in Edinburgh in July 1989. This conference was a sequel to a conference held in June 1987 at Ohio State University and served to establish a continuing international biennial conference series. Until 1999 I remained a member of the overall organising committee. In 2010 this informal committee was superseded by a legally established Association for Laboratory Phonology, of which I was a founding member and the first President (2010-2014).

I was a member of the Scottish local organising committee for the 18<sup>th</sup> International Congress of Phonetic Sciences, which was held in Glasgow in August 2015. My principal responsibility was coordinating the evaluation of papers submitted to the conference.

Membership of scientific committees for other conferences includes:

- ESCA Workshop on Prosody, Lund, September 1993
- ESCA Workshop on Speech Synthesis, Mohonk NY, September 1994
- Sixth International Conference on Speech and Language Processing (ICSLP), Sydney, November 1998
- 14<sup>th</sup> International Congress of Phonetic Sciences (ICPhS), San Francisco, August 1999
- Between Stress and Tone, Leiden, June 2005
- Phonetics and Phonology in Iberia, Braga, Portugal, June 2007
- Tone and Intonation in Europe (TIE3), Lisbon, September 2008
- Tone and Intonation in Europe (TIE2014), Leiden, September 2014
- Workshop on Sound Change (WSC4), Edinburgh, April 2017

## PUBLICATIONS

### 1. Books

1980 *The Structure of Intonational Meaning: Evidence from English*. Bloomington: Indiana University Press. (240 pp.)

1996 *Intonational Phonology*. Cambridge University Press. (335 pp.)

2008 *Intonational Phonology* (second edition). Cambridge University Press. (349 pp.)

2014 *Simultaneous Structure in Phonology*. Oxford University Press. (182 pp.)

### 2. Books edited or translated

1982 Translation from Romanian of Stefan Pascu, *A History of Transylvania*. Detroit: Wayne State University Press. (320 pp.)

1983 *Prosody: Models and Measurements*. (Co-editors: A. Cutler and D. R. Ladd). Heidelberg: Springer-Verlag. (160 pp.)

1992 *Papers in Laboratory Phonology II: Gesture, Segment, Prosody*. (Co-editors: G. J. Docherty and D. R. Ladd). Cambridge University Press. (462 pp.)

### 3. Articles (includes book chapters and refereed proceedings; \* indicates journal publication)

\*1978 D. R. Ladd. Stylized intonation. *Language* 54: 517-540.

1978 P. J. Wetzel and D. R. Ladd. Between spoken and written style. *Proceedings of the Ninth Meeting of the North-East Linguistic Society (NELS 9)*, CUNY Forum 5-6: 84-97.

1979 D. R. Ladd. Light and shadow: A study of the syntax and semantics of sentence accent in English. In L. Waugh & F. van Coetsem (eds.), *Contributions to Grammatical Studies*, Leiden: E. J. Brill, pp. 93-131.

1980 D. R. Ladd. Intonation, main clause phenomena, and point of view. In L. Waugh and C. van Schooneveld (eds.), *The Melody of Language* (Baltimore, University Park Press), pp. 149-163.

1980 D. R. Ladd. English compound stress. *Proceedings of the Eleventh Meeting of the Northeast Linguistic Society (NELS 11)*. **Reprinted** in D. Gibbon and H. Richter (eds.), *Intonation, Accent, and Rhythm* (Berlin, de Gruyter, 1984), pp. 253-266.

1981 D. R. Ladd. A first look at the semantics and pragmatics of negative questions and tag questions. *Proceedings of Chicago Linguistics Society (CLS)* vol. 17, pp. 164-171.



1981 D. R. Ladd. On intonational universals. In T. Myers, J. Laver, and J. Anderson (eds.), *The Cognitive Representation of Speech* (Amsterdam, North Holland), pp. 389-397.

\*1983 D. R. Ladd. Phonological features of intonational peaks. *Language* 59: 721-759.

1983 D. R. Ladd. Peak features and overall slope. In A. Cutler and D. R. Ladd (eds.), *Prosody: Models and Measurements*. (Heidelberg, Springer-Verlag), pp. 39-52.

1983 D. R. Ladd. Levels-vs.-configurations, revisited. In F. B. Agard et al. (eds.), *Essays in Honor of Charles F. Hockett*. (Leiden, E. J. Brill), pp.49-59.

\*1983 D. R. Ladd. *Even*, focus, and normal stress. *Journal of Semantics* 2: 54-67.

1983 K. Silverman, D. R. Ladd, and K. R. Scherer. Intonation and attitude: Empirical tests of theoretical assumptions. In G. Luer (ed.) *Akten des 33. Kongresses der deutschen Gesellschaft der Psychologie in Mainz, September 1982* (Göttingen: Hogrefe), pp. 527-533.

\*1984 D. R. Ladd and K. Silverman. Vowel intrinsic pitch in connected speech. *Phonetica* 41: 31-40.

\*1984 D. R. Ladd. Declination: A review and some hypotheses. *Phonology Yearbook* 1: 53-74.

\*1984 K. R. Scherer, D. R. Ladd, and K. Silverman. Vocal cues to speaker affect: Testing two models. *Journal of the Acoustical Society of America* 76: 1346-1356.

\*1985 D. R. Ladd, K. Silverman, F. Tolkmitt, G. Bergmann, and K. R. Scherer. Evidence for the independent function of intonation contour type, voice quality, and F0 range in signalling speaker affect. *Journal of the Acoustical Society of America*. 78: 435-444.

1985 D. R. Ladd, K. Silverman, and K. R. Scherer. An integrated approach to studying intonation and attitude. In C. Johns-Lewis (ed.), *Studies on Intonation and Discourse*, London, Croom Helm, pp. 125-138.

\*1986 D. R. Ladd. Intonational phrasing: The case for recursive prosodic structure. *Phonology Yearbook* 3: 311-340.

1987 D. R. Ladd. A phonological model of intonation for use in speech synthesis by rule. *Proceedings of the European Conference on Speech Technology*, Edinburgh, pp. 21-24.

1987 D. R. Ladd and A. Monaghan. Modelling rhythmic and syntactic effects on accent in long noun phrases. *Proceedings of the European Conference on Speech Technology*, Edinburgh, pp. 29-32.

\*1987 D. R. Ladd and C. Johnson. 'Metrical' factors in the scaling of sentence-initial accent peaks. *Phonetica* 44: 238-245.

\*1988 D. R. Ladd. Declination 'reset' and the hierarchical organization of utterances. *Journal of the Acoustical Society of America* 84: 530-544.

1990 D. R. Ladd. Metrical representation of pitch register. In J. Kingston and M. Beckman (eds.), *Papers in Laboratory Phonology I: Between the Grammar and Physics of Speech*, Cambridge University Press, pp. 35-57.

\*1990 B. Connell and D. R. Ladd. Aspects of pitch realisation in Yoruba. *Phonology* 7: 1-29.

1990 A. Monaghan and D. R. Ladd. Speaker-dependent and speaker-independent parameters in intonation. In *Proceedings of the ESCA Workshop on Speaker Characterisation*, Edinburgh, June 1990, pp. 167-174.

\*1990 A. Monaghan and D. R. Ladd. Symbolic output as the basis for evaluating intonation in text-to-speech systems. *Speech Communication* 9: 305-314.

1991 A. Monaghan and D. R. Ladd. Manipulating synthetic intonation for speaker characterisation. *Proceedings of International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, Toronto, May 1991, vol. 1, pp. 453-456.

1991 D. R. Ladd. Integrating syntagmatic and paradigmatic aspects of stress. In *Proceedings of the 12th Intl. Congress of Phonetic Sciences*, Aix-en-Provence, August 1991, vol. 1, pp. 283-287.

1991 D. R. Ladd and W. N. Campbell. Theories of prosodic structure: Evidence from syllable duration. In *Proceedings of the 12th International Congress of Phonetic Sciences*, Aix-en-Provence, vol. 2, pp. 290-293.

1992 D. R. Ladd. An introduction to intonational phonology. In G. J. Docherty and D. R. Ladd (eds.), *Papers in Laboratory Phonology II: Gesture, Segment, Prosody*, Cambridge University Press, pp. 321-334.

1993 D. R. Ladd. In defense of a metrical theory of intonational downstep. In H. van der Hulst and K. Snider (eds.), *The Phonological Representation of Register*, Foris Publications, pp. 109-132.

1993 D. R. Ladd. Constraints on the gradient variability of pitch range (or) Pitch level 4 lives! In P. Keating (ed.), *Papers in Laboratory Phonology III*, Cambridge University Press, pp. 43-63.

1994 D. R. Ladd. The language situation in Romania. *Encyclopaedia of Languages and Linguistics*, Pergamon Press and Aberdeen University Press (750 words).

\*1994 D. R. Ladd. On the theoretical status of 'the baseline' in modelling intonation. *Language and Speech*, 36: 435-451.

\*1994 D. R. Ladd, J. Verhoeven, and K. Jacobs. Influence of adjacent pitch accents on each other's perceived prominence: Two contradictory effects. *Journal of Phonetics* 22: 87-99.

1995 D. R. Ladd. 'Linear' and 'Overlay' descriptions: An autosegmental-metrical middle way. In *Proceedings of the 13th International Congress of Phonetics Sciences*, Stockholm, August 1995, vol. 2, pp. 116-123.

- 1995 D. R. Ladd and J. Terken. Modelling intra- and inter-speaker pitch range variation. In *Proceedings of the 13th International Congress of Phonetics Sciences*, Stockholm, August 1995, vol. 2, pp. 386-389.
- 1995 A. Arvaniti and D. R. Ladd. Tonal alignment and the representation of accentual targets. In *Proceedings of the 13th International Congress of Phonetics Sciences*, Stockholm, August 1995, vol. 4, pp. 220-223.
- 1996 D. R. Ladd. Introduction to Part I. In Y. Sagisaka, N. Campbell and N. Higuchi (eds.) *Computing Prosody: Computational Models for Processing Spontaneous Speech*, New York: Springer Verlag, pp. 3-6.
- 1996 E. E. Shriberg, D. R. Ladd, J. Terken, and A. Stolcke. Modelling pitch range variation within and across speakers: Predicting F0 targets when 'speaking up'. In *Supplement to Proceedings of Intl. Conference on Speech and Language Processing, Philadelphia, October 1996*, pp. 1-4.
- 1996 J. Pierrehumbert, M. E. Beckman, and D. R. Ladd. Laboratory Phonology. In J. Durand and B. Laks (eds.) *Current Trends in Phonology: Models and Methods*. CNRS, Paris-X and University of Salford, University of Salford Press, pp. 535-548.
- 1997 C. Mayo, M. Aylett, and D. R. Ladd. Prosodic transcription of Glasgow English: an evaluation study of GlaToBI. In A. Botinis, G. Kouroupetroglou, and G. Carayiannis (eds.), *Intonation: Theory, Models and Applications* (Proceedings of an ESCA Workshop, Athens, September 1997), pp. 231-234.
- \*1997 D. R. Ladd and R. Morton. The perception of intonational emphasis: Continuous or categorical? *Journal of Phonetics* 25: 313-342.
- \*1998 D. R. Ladd. A critical remark on *Intonational Phonology*: Response to N. Grønnum. Letter to the Editor of *Journal of Phonetics*, 26: 113-114.
- \*1998 A. Arvaniti, D. R. Ladd, and I. Mennen. Stability of tonal alignment: The case of Greek prenuclear accents. *Journal of Phonetics*, 26: 3-25.
- \*1999 D. R. Ladd, D. Faulkner, H. Faulkner, and A. Schepman. Constant 'segmental anchoring' of F0 movements under changes in speech rate. *Journal of the Acoustical Society of America*, 106: 1543-1554.
- 1999 D. R. Ladd and A. Schepman. Segmental anchoring of tones as a word-boundary correlate in English. In *Proceedings of the 14th International Congress of Phonetic Sciences*, San Francisco, August 1999, vol. 3, pp. 1869-1872.
- 2000 A. Arvaniti, D. R. Ladd, and I. Mennen. What is a starred tone? Evidence from Greek. In M. Broe and J. Pierrehumbert (eds.), *Papers in Laboratory Phonology V*, Cambridge University Press.
- \*2000 D. R. Ladd, I. Mennen, and A. Schepman. Phonological conditioning of peak alignment of rising pitch accents in Dutch. *Journal of the Acoustical Society of America* 107: 2685-2696.

2000 J. B. Pierrehumbert, M. E. Beckman, and D. R. Ladd. Conceptual foundations of phonology as a laboratory science. In N. Burton-Roberts, P. Carr, G. J. Docherty (eds.), *Phonological Knowledge: Conceptual and Empirical Issues*, Oxford University Press, pp. 273-303. **Reprinted** in A. Cohn, C. Fougeron, M. K. Huffman (eds.), *The Oxford Handbook of Laboratory Phonology* (Oxford University Press, 2011).

\*2000 M. Grice, D. R. Ladd, and A. Arvaniti. On the place of phrase accents in intonational phonology. *Phonology* 17: 143-186.

2000 D. R. Ladd. Bruce, Pierrehumbert, and the elements of intonational phonology. In M. Horne (ed.), *Prosody: Theory and Experiment - Studies presented to Gösta Bruce*, Dordrecht: Kluwer, pp. 37-50.

2001 D. R. Ladd. Intonation. In M. Haspelmath, E. König, W. Oesterreicher, W. Raible (eds.), *Language Typology and Language Universals: An International Handbook*, Berlin: de Gruyter, pp. 1380-1390.

2003 D. R. Ladd and J. M. Scobbie. External sandhi as gestural overlap? Counter-evidence from Sardinian. In J. Local et al. (eds.) *Papers in Laboratory Phonology VI*, Cambridge University Press, pp. 164-182.

\*2003 D. R. Ladd and A. Schepman. 'Sagging transitions' between high accent peaks in English: experimental evidence. *Journal of Phonetics* 31: 81-112.

2003 D. R. Ladd. Phonological conditioning of F0 target alignment. In *Proceedings of 15th International Congress of Phonetic Sciences, Barcelona*, vol. 1, pp 249-253.

2003 M. Ota, D. R. Ladd, M. Tsuchiya. Effects of foot structure on mora duration in Japanese? In *Proceedings of 15th International Congress of Phonetic Sciences, Barcelona*, vol. 1, pp 459-463.

2004 D. R. Ladd. Segmental anchoring of pitch movements: autosegmental phonology or speech production? In H. Quené & V. van Heuven (eds.), *On Speech and Language: Studies for Sieb G. Nootboom*, Utrecht: LOT, pp. 123-131.

\*2004 M. Atterer and D. R. Ladd. On the phonetics and phonology of 'segmental anchoring' of F0: Evidence from German. *Journal of Phonetics*, 32: 177-197.

\*2005 L. Dilley, D. R. Ladd, and A. Schepman. Alignment of L and H in bitonal pitch accents: testing two hypotheses. *Journal of Phonetics*, 33: 115-119.

\*2005 R. Lickley, A. Schepman and D. R. Ladd. Alignment of 'phrase accent' lows in Dutch falling-rising questions: Theoretical and methodological implications. *Language and Speech* 48: 157-183.

\*2006 A. Schepman, R. Lickley and D. R. Ladd. Effects of vowel length and 'right context' on the alignment of Dutch nuclear accents. *Journal of Phonetics* 34: 1-28.

\*2006 A. Arvaniti, D. R. Ladd, and I. Mennen. Effects of focus and 'tonal crowding' in intonation: Evidence from Greek polar questions. *Speech Communication* 48: 667-696.

\*2006 A. Arvaniti, D. R. Ladd, and I. Mennen. Tonal association and tonal alignment: Evidence from Greek polar questions and contrastive statements. *Language and Speech* 49: 421-450.

2006 D. R. Ladd. 'Distinctive phones' in surface representation. In L. Goldstein, D. Whalen, C. Best (eds.) *Laboratory Phonology 8*, Berlin: de Gruyter, pp. 3-26.

\*2006 D. R. Ladd. Segmental anchoring of pitch movements: autosegmental phonology or gestural coordination? *Rivista di Linguistica (Italian Journal of Linguistics)* 18: 19-38.

\*2007 D. Dediu and D. R. Ladd. Linguistic tone is related to the population frequency of the adaptive haplogroups of two brain size genes, *ASPM* and *Microcephalin*. *Proceedings of the National Academy of Sciences* 104: 10944-10949 (online reference 10.1073/pnas.0610848104).

\*2007 J. Pope, M. Meyerhoff and D. R. Ladd. Forty years of language change on Martha's Vineyard. *Language* 83: 615-627.

2007 C. Petrone and D. R. Ladd. Sentence-level effects on tonal alignment in Italian? In *Proceedings of 16th International Congress of Phonetic Sciences, Saarbrücken*, pp. 1253-1256.

\*2008 D. R. Ladd, D. Dediu, and A. R. Kinsella. Languages and genes: Reflections on biolinguistics and the nature-nurture question. *Biolinguistics* 2: 114-126.

\*2008 D. R. Ladd, D. Dediu, and A. R. Kinsella. Reply to Bowles (2008). *Biolinguistics* 2: 255-258.

\*2008 B. Remijsen and D. R. Ladd. The tone system of the Luanyjang dialect of Dinka. *Journal of African Languages and Linguistics* 29: 173-213.

\*2008 N. Himmelmann and D. R. Ladd. Prosodic fieldwork. *Language Documentation and Conservation* 2: 244-274.

\*2009 D. R. Ladd, A. Schepman, L. White, L. M. Quarmby, and R. Stackhouse. Structural and dialectal effects on pitch peak alignment in two varieties of British English. *Journal of Phonetics* 37: 145-161.

\*2009 A. Arvaniti and D. R. Ladd. Greek wh-questions and the phonology of intonation. *Phonology* 26: 43-74.

\*2009 D. R. Ladd, B. Remijsen, and C. Adong Manyang. On the distinction between regular and irregular inflectional morphology: evidence from Dinka. *Language* 85: 659-670.

2011 D. R. Ladd. Phonetics in phonology. In J. Goldsmith, J. Riggle, and A. Yu (eds.), *Handbook of Phonological Theory (second edition)*, Blackwell, pp. 348-373.

2012 D. R. Ladd. Orthographic reform in Dinka: some general considerations and a proposal. Discussion document, to be submitted to the next issue of *Occasional Papers in the Study of Sudanese Languages*. Posted at <http://www.lcl.ed.ac.uk/~bob/orth.posted.pdf>. Re-posted on the general Dinka language and culture blog Piööcku Thuonjän.

\*2012 D. R. Ladd. What *is* duality of patterning, anyway? *Language and Cognition* 4: 261-273.

\*2012 D. R. Ladd and L. Hall-Lew. Comment on target article by E. Cohen, The evolution of tag-based cooperation in humans: the case for accent. *Current Anthropology* 53: 608.

2013 D. R. Ladd. An integrated view of phonetics, phonology, and prosody. In M. Arbib (ed.), *Language, Music, and the Brain: A mysterious relationship* (Cambridge MA, MIT Press), pp. 273-287.

2013 D. R. Ladd and D. Dediu. Genes and linguistic tone. In H. Pashler (ed.), *Encyclopedia of the mind* (London: Sage Publications), pp. 372-373.

\*2013 D. R. Ladd, R. Turnbull, C. Browne, C. Caldwell-Harris, L. Ganushchak, K. Swoboda, V. Woodfield, and D. Dediu. Patterns of individual differences in the perception of missing-fundamental tones. *Journal of Experimental Phonology: Human Perception and Performance* 39: 1386-1397.

2014 D. R. Ladd. Singing in tone languages: An introduction to the kinds of things we might expect to find. In G. Lechleitner and Chr. Liebl (eds.) *Jahrbuch des Phonogrammarchivs der Österreichischen Akademie der Wissenschaften* vol. 4, Göttingen: Cuvillier Verlag, pp. 13-28.

\*2015 D. R. Ladd, S. G. Roberts, and D. Dediu. Correlational studies in typological and historical linguistics. *Annual Review of Linguistics*, vol. 1, pp. 221-241.

\*2015 D. R. Ladd. The American four-level analysis of intonation contours: historical postscript. *Historiographia Linguistica* 42: 119-137.

\*2015 C. Caldwell-Harris, A. Lancaster, D. R. Ladd, D. Dediu, and M. Christiansen. Factors influencing sensitivity to tone in an artificial language: Implications for second language learning. *Studies in Second Language Acquisition* 37: 335-357.

\*2015 P. Bestelmeyer, P. Belin, and D. R. Ladd. A neural marker for social bias toward in-group accents. *Cerebral Cortex*, 25: 3953-3961; published online Dec. 2014, doi: 10.1093/cercor/bhu282.

\*2015. A. Arvaniti and D. R. Ladd. Underspecification in intonation revisited: a reply to Xu, Lee, Prom-On & Liu. *Phonology* 32: 537-541.

\*2016. D. R. Ladd. Commentary: Tone languages and laryngeal precision. *Journal of Language Evolution* 1: 70-72 (published online February 2016, doi: 10.1093/jole/lzv014). Commentary on target article by C. Everett, D. E. Blasi, S. G. Roberts, Language evolution and climate: the case of desiccation and tone.

\*2016. J. Kirby and D. R. Ladd. Effects of obstruent voicing on vowel F0: evidence from 'true voicing' languages. *Journal of the Acoustical Society of America* 140: 2400-2411 (published online Oct. 2016, doi: 10.1121/1.4962445)

\*2016. M. E. L. Renwick and D. R. Ladd. Phonetic distinctiveness vs. lexical contrastiveness in non-robust phonemic contrasts. In press, about to appear in *Laboratory Phonology*.

#### 4. *Reviews and Review Articles*

1979 Basic Bibliography on English Intonation. Indiana University Linguistics Club (24 pp).

1982 G. Brown, K. Currie, and J. Kenworthy. *Questions of Intonation*. London, Croom Helm, 1980. Reviewed in *Language* 58: 204-208.

1982 P. Léon and M. Rossi (eds.). *Problèmes de Prosodie*. Paris, Didier, 1980. Reviewed in *Phonetica* 39: 161-162.

1982 A. Weidert. *Tonologie: Ergebnisse, Analysen, Vermutungen*. Tübingen, Niemeyer, 1981. Reviewed in *Kratylos* 27: 36-40.

1982 A. Akmajian, R. Demers, and R. Harnish. *Linguistics: An Introduction to Language and Communication*. Cambridge, MIT Press, 1979; H. Esau (ed.). *Language and Communication*. Columbia, S.C., Hornbeam Press, 1980; *Language Files: Materials for an Introduction to Language*. Ohio State University Linguistics Department, 1979. Review article in *Language* 58: 890-896.

1986 E. Fudge. *English Word-Stress*. London, Allen and Unwin, 1984. Reviewed in *Language* 62: 170-174.

1987 D. Bolinger. *Intonation and its Parts*. Stanford University Press, 1985. Reviewed in *Language* 63: 637-643.

1987 G. Mallinson. *Rumanian* (Croom Helm Descriptive Grammars Series). Beckenham, Kent: Croom Helm, 1986. Book notice in *Language* 63: 678-679.

1987 J. Ohala and J. Jaeger. *Experimental Phonology*. New York and London: Academic Press, 1986. Reviewed in *Linguistics* 25: 1187-1192.

1988 B. Altenberg, *Prosodic Patterns in Spoken English: Studies in the Correlation between Prosody and Grammar for Text-to-Speech Conversion*. Lund University Press, 1987. Reviewed (by A. Monaghan and D. R. Ladd) in *Journal of Phonetics* 16.

1989 J. Perkell and D. Klatt (eds.), *Invariance and Variability in Speech Processes*. Hillsdale, New Jersey: Lawrence Erlbaum Associates, 1986. Reviewed in *Linguistics* 27: 166-170.

1989 M. Beckman. *Stress and Non-Stress Accent*. Dordrecht, Foris Publications, 1986. Shorter notice in *Journal of Linguistics* 25: 269-270.

1989 J. Pierrehumbert and M. Beckman. *Japanese Tone Structure*. Cambridge, MA: MIT Press, 1988. Reviewed in *Journal of Linguistics* 25: 519-526.

1990 Intonation: Emotion vs. Grammar. (Review of D. Bolinger, *Intonation and its Uses*, Stanford University Press, 1989.) Review article in *Language* 66: 806-816.

1991 Presenting Autosegmental Phonology. (Review of J. Goldsmith, *Autosegmental and Metrical Phonology*, Blackwell, 1989.) Review article (by Steven Bird and D. R. Ladd) in *Journal of Linguistics* 27: 193-210.

1994 C. Féry. *German Intonational Patterns*. Tübingen, Niemeyer, 1993. Reviewed in *Linguistische Berichte* 154: 489-492.

2008 S.-A. Jun. (ed.). *Prosodic typology: the phonology of intonation and phrasing*. Oxford: Oxford University Press, 2005. Reviewed in *Phonology* 25: 372-376.

2013 J. Goldsmith, E. Hume, L. Wetzels (eds.), *Tones and Features: Phonetic and Phonological Perspectives*. Berlin and Boston: De Gruyter Mouton, 2010. Reviewed in *Language* 89: 360-363.

in press. P. Warren. *Uptalk*. Cambridge University Press, 2016. To appear in *Journal of the International Phonetic Association*.

## 5. Other items

2004 A. Sorace and D. R. Ladd. *Raising bilingual children*. Contribution to the 'Frequently Asked Questions' section of the Linguistic Society of America's website. No longer available online.

Other contributions to public understanding of language and linguistics include occasional letters to *New Scientist* over the past 25 years and several guest posts on *Language Log*, probably the most widely read blog on language (<http://languagelog ldc.upenn.edu/nll/>).

Output from the *Beyond Text* grant (no. 7 on the list of grants above) includes a book and CD of Dinka children's songs (Cɔŋ lɔ̃r wunda 'Dance to the Drum of our Home'), aimed at promoting literacy in Dinka (a major language of the new Republic of South Sudan), and a CD with full printed texts of 20 songs from our archive, including current political songs and more traditional styles such as cattle songs. I was closely involved in both these multiply-authored projects. The full song archive from this project is now publicly available online from the British Library ([here](#)).

## INVITED PRESENTATIONS

### 1. Invited talks at conferences and workshops:

- 'On Intonational Universals', International Symposium on the Cognitive Representation of Speech, Edinburgh, August 1979.
- 'Intonational Universals and the Representation of Intonation', Sloan Foundation Workshop on Intonation, Stanford, March 1980.



- 'Phonetic Evidence for the Hierarchical Representation of Stress', Workshop on Phonology, Cornell, July 1981.
- 'Peak Features and Overall Slope', European Psycholinguistics Association Workshop on Prosody, Paris, April 1982.
- 'Metrical Representation of Pitch Register', First Conference on Laboratory Phonology, Columbus, Ohio, June 1987.
- 'The Unity of Pitch Phonology', The Philological Society (London), October 1987.
- 'One Word's Strength is Another Word's Weakness', 7th Eastern States Conference on Linguistics (ESCOL), Columbus, Ohio, September 1990.
- 'Constraints on the Gradient Variability of Pitch Range', Third Conference on Laboratory Phonology, Los Angeles, June 1991.
- 'Integrating Syntagmatic and Paradigmatic Aspects of Stress', Semi-Plenary Symposium on 'Prosody in Situations of Communication', 12th International Congress of Phonetic Sciences, Aix-en-Provence, August 1991.
- 'Woher Downstep? Prosodische Struktur der Registersteuerung', 4. Wuppertaler linguistisches Kolloquium, Wuppertal, November 1991.
- 'Current Theories of Prosody: An Introductory Sketch', International Symposium on Japanese Prosody and its Education, Nara, Japan, November 1992.
- 'Notes on the Phonology of Prominence', ESCA Workshop on Prosody, Lund, Sweden, September 1993.
- 'Focus on the Nucleus: Evidence for the distinction between nuclear and non-nuclear accents', One-Day Workshop on Tone, Stress, and Intonation, University of Oxford, June 1995.
- "'Linear' and 'Overlay' Descriptions: An Autosegmental-Metrical Middle Way', [invited contribution to a 1/3-plenary symposium on intonational structure at the 13th International Congress of Phonetic Sciences, Stockholm, August 1995; published in proceedings, but not presented because I was unable to attend conference for personal reasons].
- 'On the place of the Phrase Tone in intonational phonology', one-day workshop on phonology, LSA Summer Institute, Cornell University, July 1997.
- 'Phrase accents in a general model of intonational phonology in the European languages', three-day workshop on accent, focus, and intonation, Schloss Freudental, Germany, March 1998.
- 'Phonetic vs. phonological accounts of intonational variation: the case of F0 alignment'. Working group on Prosody, 24th annual meeting of the Deutsche Gesellschaft für Sprachwissenschaft, Mannheim, February 2002.
- 'Alignment of pitch and segments: current phonetic research and its relevance to teaching intonation in a foreign language', Onzième Colloque de Villetaneuse sur l'Anglais Oral: La Prosodie, Villetaneuse, France, March 2002.
- "'Contrastive phones' in Surface Representation", Eighth Conference on Laboratory Phonology, Yale University, June 2002.
- 'Quelques problèmes phonologiques dans la synthèse de la prosodie', Prosody Colloquium, University of Geneva, September 2002.
- 'Phonological and Phonetic Factors in F0 alignment: a Review of the Evidence.' European Science Foundation Workshop on 'Experimental Approaches to Tone and Intonation', Oxford, April 2003.

- 'How to say sensible things about the semantics of focus without saying silly things about the phonology of intonation (and vice-versa)'. GLOW Workshop on information structure in generative theory vs. pragmatics, Lund, Sweden, April 2003.
- 'Phonological conditioning of F0 target alignment'. Semi-plenary workshop at the 15th International Congress of Phonetic Sciences, Barcelona, August 2003.
- 'Alignment allophony and the European 'pitch accent' languages'. European Science Foundation Workshop 'Tone and Intonation in Europe', Santorini, September 2004.
- 'Phonetic and pragmatic factors in designing experimental material for research on prosody'. Workshop on Experimental Prosody Research, Leipzig, October 2004.
- 'Alignement phonétique des contours intonatifs: allophonie et représentation lexicale'. Seventh annual meeting of the Réseau Français de Phonologie, Aix-en-Provence, June 2005.
- 'Coordination of pitch movements and segments: what does it tell us about phonology?'. Second conference on Phonetics and Phonology in Iberia (PaPI), Barcelona, June 2005.
- 'Genetic influences on tonogenesis and the geographical distribution of tone languages' (with Dan Dediú). Workshop on 'Tone: Mind, Brain, Evolution', University of Konstanz, October 2005.
- 'Alignment of tonal targets: 30 years on'. Symposium in honour of Gösta Bruce, Lund, January 2007.
- 'What would recursion look like in phonology?' International Conference on Recursion in Human Language, Illinois State University, April 2007.
- 'Can gradient phonetic distinctions convey categorical pragmatic ones?' Conference on Experimental and Theoretical Advances in Prosody, Cornell University, April 2008.
- 'Phonological equivalence of pitch level in speech'. Conference on Music, Language and the Mind, Tufts University, July 2008.
- 'Segmental analogies for intonational gradience'. Third conference on Tone and Intonation in Europe (TIE3), University of Lisbon, September 2008.
- 'What's to the right of the arrow? Formal and phonetic properties of prosodic structure'. Nineteenth International Symposium on Theoretical and Applied Linguistics (ISTAL-19), University of Thessaloniki, April 2009.
- 'Systematic phonetics and phonological theory'. Special session on the history of phonological theory, Seventeenth Manchester Phonology Meeting (mfm17), May 2009.
- 'Segmental analogies for intonational gradience'. Thirteenth Australasian Conference on Speech Science and Technology, Melbourne, December 2010.
- Invited participant (no formal papers allowed) at 5-day Strüngmann Foundation Forum on 'Language, Music and the Brain', Frankfurt, May 2011.
- 'Individual differences in pitch perception: Implications for language'. Symposium in honour of Carlos Gussenhoven, University of Nijmegen, September 2011.
- 'Singing in Tone Languages: An introduction to the kinds of things we might expect to find'. Workshop on Relationships of Speech Tone and Music, Vienna, July 2012.
- 'On the place of 'gradience' in phonology'. Fourth Theoretical Phonology Conference (TPC-4), Taipei, May 2013.
- 'Individual differences in pitch perception, and their possible relevance for language typology'. 27<sup>th</sup> Annual Meeting, Phonetic Society of Japan, Kanazawa, September 2013.
- 'Singing in tone languages: Phonetic and structural effects'. Twenty-seventh Annual Meeting, Phonetic Society of Japan, Kanazawa, September 2013.

- 'Individual differences in pitch perception, and tone language typology'. One-day workshop on tone languages, Centre for Research on Brain, Language, and Music, Montréal, March 2014.
- 'Phones, phonemes, and Linguistics 1'. Fourth annual conference of the Undergraduate Linguistics Association of Britain (ULAB), Edinburgh, April 2014.
- 'Quasi-contrastive phonetic categories'. Tenth International Seminar on Speech Production (ISSP), Cologne, May 2014.
- 'What *is* prosody, anyway?'. Symposium on prosody in memory of Gösta Bruce, Lund, June 2014.
- 'Leaky phonology and language design'. Pre-conference colloquium, 14<sup>th</sup> Conference on Laboratory Phonology, Tokyo, July 2014.
- 'Structure, prosody, and the silent reader'. Meeting of the AHRC network 'Voices and Books', Glasgow, September 2014.
- 'What *is* prosody, anyway?'. 10. Tagung Phonetik und Phonologie im deutschsprachigen Raum, Konstanz, October 2014.
- 'Singing in tone: Text-setting constraints in tone languages' (with James Kirby). Workshop on Vietnamese Prosody, Cologne, August 2015.
- 'Tone-melody text-setting constraints in tone language singing'. Workshop on music and language, SOAS, London, February 2016; Workshop on singing in tone languages, Netherlands Institute for Advanced Studies, Leiden, April 2016.
- 'Lexical allophones'. Workshop on marginal contrast, LabPhon 15 satellite meeting, Ithaca NY, July 2016.

## 2. Departmental research seminars, etc.:

- 1978-79: University of Sussex (twice); University of Sibiu, Romania; University of Pitești, Romania; University of Bucharest; Zagreb Linguistics Circle.
- 1979-80: University of Massachusetts, Amherst; University of New Hampshire.
- 1981-82: University College London; Cambridge University; University of Edinburgh; University of Birmingham; University of Sussex.
- 1982-83: Cornell University; University of Massachusetts, Amherst; University of Copenhagen; Lund University; University of Trondheim; University of Stockholm; University of Kiel.
- 1983-84: University of Reading; University of Manchester; Trinity College Dublin.
- 1984-85: Bell Laboratories, New Jersey.
- 1985-86: University of Sussex; University of York; Cambridge University; Strathclyde University (guest lecturer on M.Sc. Course in Linguistics).
- 1986-87: IBM Scientific Centre, Winchester; University of Leeds; University of Sussex; Cambridge University (guest lecturer on M.Phil. course in Information Technology); University of Toronto; Bell Laboratories, New Jersey.
- 1987-88: Lund University; University of Southern California (public lecture and presentation to postgraduate seminar); University of California, Berkeley.
- 1988-89: University of Essex (part of special series of invited speakers on 'The Place of Semantics in Grammar'); Cambridge University.
- 1989-90: Scuola Normale Superiore, Pisa; University of Geneva.
- 1990-91: Cornell University; Oxford University; University College London.

- 1991-92: University of Nijmegen; University of Provence, Aix; University of Pennsylvania.
- 1992-93: Sophia University, Tokyo; University of Pennsylvania; NYNEX Research Center, White Plains, NY.
- 1993-94: University of Massachusetts, Amherst; Institut de Phonétique, Paris; Max Planck Institute for Psycholinguistics, Nijmegen; University of Amsterdam; Institute for Perception Research (IPO), Eindhoven.
- 1994-95: Max Planck Institute for Psycholinguistics, Nijmegen; Kossuth Technical University, Debrecen, Hungary.
- 1995-96: University of Utrecht; University of Naples; University of Leiden.
- 1996-97: Kossuth Technical University, Debrecen, Hungary; University of Durham.
- 1997-98: University of Cyprus; University of Utrecht (invited lecture inaugurating a new conference room named in honour of Prof. Antonie Cohen, a prominent Dutch phonetician who died in 1996).
- 1998-99: University of Nijmegen; Stanford University; Massachusetts Institute of Technology; University of Toronto; Ohio State University; University College London; University of Lisbon.
- 1999-2000: University of Oxford; ATT Bell Labs (New Jersey); Cornell University (twice); University of Delaware; University of Pennsylvania (twice); Johns Hopkins University.
- 2000-01: University of Newcastle; York University (Toronto); University of California, Berkeley (twice); Stanford University; University of California at Los Angeles; University of Leipzig.
- 2001-02: Université de Paris VII; University of Brighton.
- 2002-03: University of Cambridge; University of York.
- 2003-04: University of Tübingen; University of Stuttgart; University of Saarbrücken; University of Rochester; Concordia University (Montréal); Haskins Laboratories (New Haven, Connecticut)
- 2004-05: University of Saarbrücken
- 2005-06: University of Cambridge; Cornell University
- 2006-07: University of Pennsylvania; Northwestern University; Max Planck Institute for Psycholinguistics, Nijmegen (invited discussant at 2-day workshop on 'Visual Prosody').
- 2007-08: University of Glasgow; Massachusetts Institute of Technology
- 2008-09: University of Cambridge
- 2009-10: CASTL (Tromsø, Norway); LORIA (Nancy, France); University of Cambridge
- 2010-11: University of Munich; RCLT (LaTrobe University, Melbourne); Strathclyde University; Kings College London; Max Planck Institute for Psycholinguistics, Nijmegen (two different talks)
- 2012-13: Cornell University; Brown University; University of Pennsylvania; University of Oxford
- 2014-15: University of Zurich; University of Leiden
- 2015-16: Chinese University of Hong Kong; University of Tromsø
- 2016-17: University of Rochester; University of Toronto