

Selected peer-reviewed abstracts and publications

1. Dmitrieva, Olga and Indranil Dutta. 2018. [Acoustic correlates of the four-way laryngeal contrast in Marathi stops](#). In the Proceedings of the 175th meeting of the Acoustical Society of America. Volume 143, Issue 3, pp. 1756.
2. Banerjee, Ushasi, Indranil Dutta, and Meghavarshini Krishnaswamy. 2018. [Evidence for active cavity expansion through advanced lingual place of constriction in voiced geminates](#). In the Proceedings of the 175th meeting of the Acoustical Society of America. Volume 143, Issue 3, pp. 1754.
3. Dutta, Indranil and Molly Varghese. 2018. [Consonant-f₀ interaction in Malayalam stops: Automatic or controlled?](#) In the Proceedings of the 175th meeting of the Acoustical Society of America. Volume 143, Issue 3, pp. 1757.
4. Banerjee, Ushasi, Indranil Dutta and Irfan S., 2017. [Coarticulatory propensity in Khalkha Mongolian](#). In the *Proceedings of the 14th International Conference on Natural Language Processing (ICON-14)*. pp. 351-356.
5. Dutta, Indranil and Irfan S., Coarticulatory propensity in vowel harmony languages. under review.
6. Dutta, Indranil, Irfan S., Pamir Gogoi, Priyankoo Sarmah. 2017. [Nature of contrast and coarticulation: Evidence from Mizo tones and Assamese vowel harmony](#) . Proceedings of Interspeech 2017. 19-24th August, 2017. Stockholm.
7. Mahanta, Shakuntala, Indranil Dutta , and Prarthana Acharya. 2017. [Lexical tone in Deori: loss, contrast and word based alignment](#) . Papers in Historical Phonology. Volume 2, 51-87.
8. Pandey, Ayushi and Indranil Dutta. 2015. [Acoustics of articulatory constraints: Vowel classification and nasalization](#). In the *Proceedings of Interspeech 2015*. 6-10th September, 2015. Dresden.
9. Gupta, Ganesh and Indranil Dutta. 2015. [The role of labiolingual gestural coordination in spatiotemporal facilitation of speech production in Turkish, Turkmen and Hindi](#). In the *Proceedings of the 18th International Congress of Phonetic Sciences*. 10-14th August, 2015. Glasgow.
10. Pandey, Ayushi and Indranil Dutta. 2014. [Bundeli Folk-Song Genre Classification with kNN and SVM](#). In the *Proceedings of the 11th International Conference on Natural Language Processing (ICON-14)*. 18th-21st December, 2014.
11. Dutta, Indranil and Charlie Redmon. 2013. [Coarticulation and contrast in static and dynamic models of second formant trajectories](#). In the *Proceedings of the 166th meeting of the Acoustical Society of America*. 2nd-6th December, 2013.
12. Mahanta, Shakuntala, Indranil Dutta, and Prarthana Acharya. 2013. [Tonal alignment in Deori](#). In the *Proceedings of the 166th meeting of the Acoustical Society of America*. 2nd-6th December, 2013.
13. Pandey, Ayushi and Indranil Dutta. 2013. [Lyrics based genre classification in Bundeli folk songs](#). *35th Annual and 1st International Conference of the Linguistic Society of India (ICOLSI)*. 27th-29th November, 2013.

14. Gupta, Ganesh and Indranil Dutta. 2013. [Labial coarticulatory resistance to vowel harmony in Telugu](#). In proceedings of the *Joint meeting of the French Acoustical Society and the Acoustical Society of India*. New Delhi. 10th-15th November, 2013.
15. Hock, Hans Henrich and Indranil Dutta. 2013. Prosodic incorporation of English utterance-final vocatives. *The EFL Journal*.
16. Dutta, Indranil, Jasmine Maria George and Minu Sara Paul. [Consonant-f0 interaction under predictable voicing: f0 lowering due to phonetic factors](#). *Journal of the Acoustical Society of America*. Sep;132(3):2011.
17. Arora, Aditi and Indranil Dutta. 2011. [Louder is longer: RMS amplitude induced gemination in Siraiki](#). *Journal of the Acoustical Society of America*. Volume 130, Issue 4, 2552.
18. Dutta, Indranil. 2011. [Enhancement of laryngeal features under segmental and prosodic conditioning](#). *Journal of the Acoustical Society of America*. Volume 130, Issue 4, pp. 2549-2549.
19. Hock, Hans Henrich and Indranil Dutta. 2010. [Prosody vs. Syntax: Prosodic rebracketing of final vocatives in English](#). *Proceedings of the 5th ICSA International Conference on Speech Prosody*. Chicago. 11th-14th May, 2010.
20. Dutta, Indranil. 2008. [Spectrotemporal and f0 evidence for a theory of enhancement](#). *Journal of the Acoustical Society of America*. Volume 123, Issue 5, pp. 3177.
21. Dutta, Indranil. 2007. [Correlation between Voicing Lead Time \(VLT\) and f0](#). In *Papers from the Main Session of the 39th Regional Meeting of the Chicago Linguistic Society*. Amy Franklin and D. Kaiser eds. Chicago, IL: CLS, Vol: 39, 405-422.5.
22. Dutta, Indranil and Hans Henrich Hock. 2006. [Interaction of verb accentuation and utterance finality in Bangla](#). *Proceedings of the 3rd ICSA International Conference on Speech Prosody*. Rüdiger Hoffmann and Hansjörg Mixdorff eds. Studien texte zur Sprachkommunikation, 40. Dresden: TUD press.

Monograph

Acoustics of stop consonants in Hindi: Voicing, fundamental frequency and spectral intensity. 2009. Verlag Dr. Müller: Saarbrücken.

Book reviews

Indranil Dutta. 2015. Review of '*Turbulent sounds: An interdisciplinary guide*' *Journal of the International Phonetic Association*, 45, pp 55-57. doi:10.1017/S0025100314000413.

Conference presentations

1. Dutta, Indranil, Irfan S., Pamir Gogoi, Priyankoo Sarmah. [Nature of contrast and coarticulation: Evidence](#)

- [from Mizo tones and Assamese vowel harmony](#) . Proceedings of Interspeech 2017. 19-24th August, 2017. Stockholm.
2. Dutta, Indranil, Irfan S., and K.R.S. Harsha. 2016. [Using ANNs for vowel identification from V-to-V coarticulation in non-harmonic VCV sequences](#). Poster to be presented at the *15th LabPhon*. July 13-16th, 2016, Cornell University, Ithaca, NY USA.
 3. Singh, Neelam and Indranil Dutta. 2016. f0 perturbation of Stops in Nepali and Meitei: A Sociophonetic perspective. Paper presented at *International Conference on Indian Languages in Contact Situations: Historical, Typological and Sociolinguistic Perspectives*. 4-6th February, Pune.
 4. Dutta, Indranil. 2015. Consonant-f0 perturbation under predictable voicing: Phonetic factors determine F0 lowering under voicing. Paper presented at the 37th International Conference of Linguistic Society of India. 15-17 October, 2015. New Delhi.
 5. Pandey, Ayushi and Indranil Dutta. 2015. [Acoustics of articulatory constraints: Vowel classification and nasalization](#). Poster presented at *Interspeech 2015*. 6-10th September, 2015. Dresden.
 6. Gupta, Ganesh and Indranil Dutta. 2015. [The role of labiolingual gestural coordination in spatiotemporal facilitation of speech production in Turkish, Turkmen and Hindi](#). Poster presented at the *18th International Congress of Phonetic Sciences*. 10-14th August, 2015. Glasgow.
 7. Pandey, Ayushi and Indranil Dutta. 2014. [Bundeli Folk-Song Genre Classification with kNN and SVM](#). *36th Annual and 2nd International Conference of Linguistics Society of India (ICOLSI-36)*. 1st-4th December, 2014
 8. Indranil Dutta. 2014. Separating stop place categories in dense coronal systems: Formant transition patterns in Malayalam. *36th Annual and 2nd International Conference of Linguistics Society of India (ICOLSI-36)*. 1st-4th December, 2014
 9. Ghosh, Aanusha and Indranil Dutta. 2014. [Real-time sentiment analysis of Hindi tweets](#). *35th Annual Conference of the Linguistics Society of Nepal*. 25th-26th November, 2014.
 10. Pandey, Ayushi and Indranil Dutta. 2014. [Bundeli Folk-Song Genre Classification with kNN and SVM](#). *11th International Conference on Natural Language Processing (ICON-14)*. 18th-21st December, 2014.
 11. Pandey, Ayushi and Indranil Dutta. 2013. Lyrics based genre classification in Bundeli folk songs. *35th Annual and 1st International Conference of the Linguistic Society of India (ICOLSI)*. 27th-29th November, 2013.
 12. Gupta, Ganesh and Indranil Dutta. 2013. Labial coarticulatory resistance to vowel harmony in Telugu. In proceedings of the *Joint meeting of the French Acoustical Society and the Acoustical Society of India*. New Delhi. 10th-15th November, 2013.
 13. Dutta, Indranil and Charles Redmon. 2013. Phonetic routes of tonogenesis in North-Western modern Indo-Aryan languages. *2nd Workshop on Tone and Intonation: Models, Computation and Evaluation*. Hyderabad. 21st-22nd February, 2013.
 14. Dutta, Indranil, Jasmine Maria George and Minu Sara Paul. 2012. Consonant-f0 interaction under predictable voicing: f0 lowering due to phonetic factors. Paper to be presented at the *34th All India Conference of Linguists*. North-East Hill University. Shillong. 1st-3rd November, 2012.
 15. Dutta, Indranil, Jasmine Maria George and Minu Sara Paul. 2012. Consonant-f0 interaction under

predictable voicing: f0 lowering due to phonetic factors. Poster to be presented at the *164th Meeting of the Acoustical Society of America*. Kansas City, MO, 22nd-26th October, 2012.

16. Arora, Aditi and Indranil Dutta. 2011. Louder is longer: RMS amplitude induced gemination in Siraiki. Poster presented at the *162nd Meeting of the Acoustical Society of America*. San Diego, CA, 31st October-4th November, 2011.
17. Hock, Hans Henrich and Indranil Dutta. 2010. Prosody vs. Syntax: Prosodic rebracketing of final vocatives in English. Poster presented at the *5th International Conference on Speech Prosody*. Chicago. 11th-14th May, 2010.
18. Dutta, Indranil. 2009. Enhancement of Universal Features: Evidence from Stop Contrasts in Hindi. Paper presented at the *Mid-America Linguistics Conference*. Columbia, MO. 9th-11th October.
19. Dutta, Indranil. 2008. Spectrotemporal and f0 evidence for a theory of enhancement. Paper presented at the *Acoustics 2008 meeting*. Paris, France. June 29th-July 4th.
20. Dutta, Indranil. 2008. Cues enhancing contrasts: Durational, f0 and spectral intensity evidence from Hindi. Paper presented at the *Annual Linguistics Society of America meeting*. Chicago, IL. January 3rd-6th.
21. Hock, Hans Henrich and Indranil Dutta. 2007. Prosody vs. Syntax: Prosodic rebracketing of final vocatives in English. Paper presented at the *11th annual meeting of the Texas Linguistics Society*. Austin, TX. 9th-11th November, 2007.
22. Dutta, Indranil and Hans Henrich Hock. 2006. Interaction of verb accentuation and utterance finality in Bangla. Paper presented at the *3rd International Conference on Speech Prosody*. Dresden. 2nd-5th May, 2006.
23. Dutta, Indranil. 2005. Durational, f0 and spectral characteristics of Hindi stops. Paper presented at the *Conference on Turbulences, Zentrum für Allgemeine Sprachwissenschaft, Typologie und Universalienforschung (ZAS)*. Berlin, 13th-14th October.
24. Dutta, Indranil. 2005. Voicing, aspiration and f0 properties of Hindi stops. Paper presented at the *25th South Asian Language Analysis Roundtable*, 15th-18th September.
25. Dutta, Indranil. 2005. Voicing, aspiration and f0 characteristics of Hindi stops: A study of interactions. *Departmental Linguistics Seminar. Urbana-Champaign*. April 14th.
26. Dutta, Indranil and Hock, Hans Henrich. 2005. Interaction of verb accentuation and utterance finality revisited: Evidence from Bangla. Paper presented at the *International Conference on South Asian Languages (ICOSAL) VI*. Osmania University, Hyderabad, India. 6th-8th January.
27. Dutta, Indranil. 2003. Re-evaluating Munda influence on eastern IA development of the Quotative Complex. Paper presented at the *32nd Annual Conference on South Asia*. Madison, Wisconsin. 24th-26th October.
28. Dutta, Indranil. 2003. Voicing Lead Time (VLT) and f0 properties of Hindi breathy voiced stops. Paper presented at the *9th Mid-Continental Workshop on Phonology. Urbana-Champaign*. 31st October - 2nd November.
29. Hock, Hans Henrich, Sandra Chavarria-Klahn and Indranil Dutta. 2003. Not your usual "Paper Boy" paper: A progress report of research on phrasal prosody. *Departmental Linguistics Seminar*. 16th October.
30. Dutta, Indranil. 2003. Correlation between Voicing Lead Time (VLT) and f0 lowering following breathy

voiced stops in Hindi. Paper presented at the *39th Annual Meeting of the Chicago Linguistic Society*. Chicago, 10th-12th April.

31. Dutta, Indranil. 2002. Voicing Lead Time (VLT) and f0 cues for voiced aspirated and plain voiced stops in Hindi. Paper presented at the *22nd South Asian Language Analysis Roundtable*. University of Iowa. 21st-23rd June.
32. Dutta, Indranil and Hans Henrich Hock. 2001. Prosody and finality: The case of Bangla. Paper presented at the *International Conference on South Asian Languages (ICOSAL) III, Hyderabad*, 4-6 January.