

Huteng Dai

Rutgers University
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Research Interests

BROAD:

Phonology and its interfaces • Laboratory Phonology and Phonetics • Computational linguistics • Typology

NARROW:

Phonological Gradience • Consonant harmony • Tone • Formal language theory • Information Theory • Optimization-based models: MaxEnt & Noisy HG • Machine Learning • Historical Chinese phonology

Education

- 2018-present PhD STUDENT, Department of Linguistics, Rutgers University, New Brunswick
2014-2018 BA, Capital Normal University [首都师范大学], Beijing
Thesis: A CONSTRAINT-BASED ANALYSIS OF DISYLLABIC TONE SANDHI IN LINCHUAN.
Advisor: Zihe Li

NON-DEGREE

- 2019 LSA Linguistics Institute, University of California, Davis
2018 Linguistics Institute of China, Capital Normal University, Beijing
2017 LSA Linguistics Institute, University of Kentucky
2017 *Exchange student*, Department of Linguistics, University of California, Santa Barbara

Publications

JOURNAL ARTICLES

- 2019 Zihe Li, Jingjing Pan, and **Huteng Dai**. Nasal sound changes in Naish languages 纳西语与鼻音相关的语音演变. *Bulletin of Linguistic Studies* 语言研究集刊, 23, 2019

REFEREED CONFERENCE PROCEEDINGS

- 2020 **Huteng Dai** & Richard Futrell. Information-theoretic characterization of the sub-regular hierarchy. In *Proceedings of the Society for Computation in Linguistics*, volume 3
- 2020 **Huteng Dai**. Scalar similarity and gradient featural representation in Lezgian laryngeal harmony. In *Proceedings of the Linguistic Society of America*, volume 5

Presentations

- 2020 **Huteng Dai** & Richard Futrell. Information-theoretic Characterization of the Sub-regular Hierarchy. Talk presented at Society for Computation in Linguistics “Workshop on Formal Language Theory in Linguistics”, New Orleans, LA.
- 2020 **Huteng Dai**. Scalar similarity and gradient featural representation in Lezgian laryngeal harmony. Poster presented at the 94th Annual Meeting of the Linguistic Society of America, New Orleans, LA.
- 2019 **Huteng Dai**. Lezgain long-distance laryngeal harmony and gradient symbolic representation. Talk presented at RULing, New Brunswick, NJ.
- 2017 **Huteng Dai**. 43.33 or 33.33 —The Conflict in the Disyllabic Tone Sandhi of Linchuan. Poster presented at LSA Linguistics Institute, University of Kentucky.

Working & Teaching Experience

- 2018.3-2018.6 Teaching Assistant, CAPITAL NORMAL UNIVERSITY
The Phonetics and Phonology of Chinese;
- 2018.7-2018.8 Teaching Assistant, LINGUISTICS INSTITUTE OF CHINA
Phonology II; Instructor: [Lian-Hee Wee](#)
Syntax II; Instructor: [Wei-Tien Dylan Tsai](#)
Semantics II; Instructor: Haihua Pan

Research Experience

- 2018.1 Fieldwork in Jiangxi Linchuan, Linchuan dialect
- 2017.3-2017.6 Research Assistant, University of California, Santa Barbara
- 2017.1 Fieldwork in Jiangxi Linchuan, Linchuan dialect
- 2016.7 Fieldwork in Yunnan Lijiang, Moso language (with Zihe Li & Jinjin Pan)

Services

- 2019.7-present Organizer, Rutgers Prosody Group
- 2019.7-present Organizer, Rutgers Mathematical and Computational Linguistics Group
- 2019.7-present Organizer, Rutgers Phonology and Phonetics Research Group (PHONX)

2018-2020 Editor, Facebook Page, Department of Linguistics, Rutgers University
2018.4-present Organizer & Founder, BEIJING P-SIDE READING GROUP
2018.7-2018.8 Website Designer (<https://linc2018.wordpress.com>), Linguistics Institute of China

Technical Proficiency

PROGRAMMING LANGUAGES: L^AT_EX, R, Python, MATLAB, Haskell, Java, HTML, CSS
TOOLS: Git, Ixex Farm, Praat, ELAN, EyeLink, EEG

Natural Languages

Mandarin Chinese, English, Gan Chinese, Moso (FIELDWORK)

Memberships

Rutgers NLP Group, Department of Computer Science
Rutgers Computational Linguistics Lab
Rutgers Phonology and Phonetics Research Group (PHONX)
Rutgers Prosody Group
BEIJING P-SIDE READING GROUP
LINGUISTIC SOCIETY OF AMERICA (LSA)