

# **Evolinguistics Workshop 2019**

*Hierarchy, intention sharing, and language evolution:  
Beyond interdisciplinary conceptual barriers*

May 25-26, 2019

21KOMCEE East K211 & 212

University of Tokyo, Komaba

Funded by MEXT Grant-in-Aid for Scientific Research  
on Innovative Areas #4903:  
*Evolinguistics: Integrative Studies of Language Evolution for  
Co-Creative Communication*  
in collaboration with  
*Language and Music in Cognition*, U of Cologne.

<http://evolinguistics.net/en/>

<http://musikwissenschaft.phil-fak.uni-koeln.de/34666.html?&L=1>



**Evolinguistics**

**科研費**  
K A K E N H I

## *Program*

May 25 (Sat)

### Room K211

- 13:00    Opening
- 13:15    Cedric Boeckx (ICREA /U Barcelona)  
*Language: Confluent evolutionary trajectories*
- 14:15    Break

### Room K211

- 14:25    Ryosuke Tachibana (U Tokyo) & Kazuo Okanoya (U Tokyo)  
*Exploring syntactical structure of mesoscopic neural activity in songbird brain*
- 14:45    Katsuhiko Sano (Tohoku U)  
*Emergence of the complex multi-faceted sequences in human tools*
- 15:05    Yuko Yoshimura (Kanazawa U) & Mitsuru Kikuchi (Kanazawa U)  
*Neural basis of 'intention sharing' in children and adults with autism spectrum disorder*
- 15:45    Junya Morita (Shizuoka U)  
*Modeling shared communication systems formed with autistic cognition*

### Room K212

- 14:25    Daiki Matsumoto (Kyoto U)  
*Distinctness, recursiveness and hierarchy by Select and Merge*
- 14:45    Masanobu Sorida (independent)  
*Perceiving syntactic objects*
- 15:05    Masakazu Kuno (Waseda U)  
*Mathematical exploration of minimalist syntax: A preliminary study*
- 15:45    Koji Hoshi (Keio U)  
*An exploration into the relation between Merge and categorization in evo-linguistics*
- 16:25    Break

### Room K211

- 16:40    Erin Hecht (Harvard U)  
*Hands, tools, and words: Adaptation and exaptation in human brain evolution*
- 18:00    Reception (at Italian Tomato)

May 26 (Sun)

Room K211

9:30 Julia Uddén (Stockholm U)  
*Two major complexities to evolve: Sentence structure building in the dorsal pathway and the development of pragmatics around puberty*

10:30 Break

Room K211

10:40 Michiru Makuuchi (National Rehabilitation Center for Persons with Disabilities)  
*TBA*

11:00 Rie Asano (U Cologne)  
*Syntax in language and music from a perspective of comparative biomusicology*

11:40 Kazumi Taniguchi (Kyoto U)  
*Sharing patterns, sharing intention: A view from dialogic syntax*

Room K212

10:40 Haruka Fujita (Kyoto U)  
*The co-evolution of internalization and externalization in human lexicon*

11:00 Tzu-Yin Chen (U Tokyo & RIKEN), Yuki Hirose (U Tokyo) & Takane Ito (U Tokyo)  
*The facilitative effect of prosodic information in online lexical processing: Evidence from Mandarin Chinese Tone 3 sandhi*

11:20 Sandiway Fong (U Arizona), Robert Berwick (MIT) & Jason Ginsburg (Osaka Kyoiku U)  
*The combinatorics of Merge and workspace tight-sizing*

11:40 Genta Toya (JAIST), Rie Asano (U Cologne) & Takashi Hashimoto (JAIST)  
*The reason of building hierarchical structure: From the view of recursive combination as an internal operation*

12:00 Lunch break

Room K211

13:30 John Du Bois (UC Santa Barbara)  
*Coupling for life: Evolution of grammar, cognition, and emotion in the prosodic niche*

14:30 Sabrina Engesser (U Zurich)  
*Vocal combinations in birds: Implications for language evolution*

15:30 Break

15:45 Toshitaka Suzuki (Kyoto U)  
*Referentiality and compositionality in bird calls*

16:25 Kazuo Okanoya (U Tokyo)  
*"Syntax" in animal vocalizations: Limitations and perspectives*

17:05 Discussion

17:30 Closing

## May 25 Sat

	Room K211		Room K212
13:00	13:15	Opening	
13:15	14:15	C. Boeckx	
14:15	14:25	<i>Break</i>	
14:25	14:45	R. Tachibana & K. Okanoya	14:25 14:45 D. Matsumoto
14:45	15:05	K. Sano	14:45 15:05 M. Sorida
15:05	15:45	Y. Yoshimura & M. Kikuchi	15:05 15:45 M. Kuno
15:45	16:25	J. Morita	15:45 16:25 K. Hoshi
16:25	16:40	<i>Break</i>	
16:40	17:40	E. Hecht	
18:00	20:00	Reception (Italian Tomato)	

## May 26 Sun

	Room K211		Room K212
9:30	10:30	J. Uddén	
10:30	10:40	<i>Break</i>	
10:40	11:00	M. Makuuchi	10:40 11:00 H. Fujita
11:00	11:40	R. Asano	11:00 11:20 T-Y.Chen, Y. Hirose & T. Ito
11:40	12:00	K. Taniguchi	11:20 11:40 S. Fong, R. Berwick & J. Ginsburg
			11:40 12:00 G. Toya, R. Asano & T. Hashimoto
12:00	13:30	<i>Lunch break</i>	
13:30	14:30	J. Du Bois	
14:30	15:30	S. Engesser	
15:30	15:45	<i>Break</i>	
15:45	16:25	T. Suzuki	
16:25	17:05	K. Okanoya	
17:05	17:30	Discussion	
17:30		Closing	