

EVOLANG X

10th International Conference on the Evolution of Language

List of accepted presentations (daggers † denote poster presentations):

Title	Author(s)
Diachronic processes in language as signaling under conflicting interests†	<i>Christopher Abern, Robin Clark</i>
Rule learning in humans and animals	<i>Raquel G. Albama, Remko Scha, Willem Zuidema</i>
The Putty-Nosed monkey “Pyow-Hack” sequence: Compositional or an idiomatic expression?†	<i>Kate Arnold, Klaus Zuberbuhler</i>
Primate pragmatics: Putty-Nosed monkeys use contextual information to disambiguate the cause of alarm calls	<i>Kate Arnold, Klaus Zuberbuhler</i>
The evolution of human cognitive systems: Comparative approaches to language and music†	<i>Rie Asano, Uwe Seifert</i>
Sociocultural determiners of linguistic complexity	<i>Mark Atkinson, Kenny Smith, Simon Kirby</i>
Syntactic development in phenotypic space†	<i>Lluís Barcelo-Coblin, Antoni Gomila Benejam</i>
Finding the underpinnings: The last quarter century†	<i>Ted Bayne</i>
Speaking of language and evolution†	<i>Christina Behme</i>
Language disorders as windows on language evolution	<i>Antonio Benitez-Burraco, Cedric Boeckx</i>
Zipf’s law across languages of the world: Towards a quantitative measure of syntheticity	<i>Christian Bentz, Douwe Kiela</i>
Informational structure of an emerging communication system is shaped by its environment	<i>Till Bergmann, Rick Dale, Gary Lupyan</i>
Spirals in language evolution	<i>Katrien Beuls</i>
Sound symbolism and the origins of language	<i>Damian Blasi, Morten H. Christiansen, Soeren Wichmann, Harald Hammarstrom, Peter Stadler</i>
The origins of combinatorial communication	<i>Richard A. Blythe, Thomas Scott-Phillips</i>
A proposal concerning the gene network that regulates the shape of the language-ready brain	<i>Cedric Boeckx, Antonio Benitez-Burraco</i>
Sign-theory and the origin of language	<i>Denis Bouchard</i>
Social origins of rhythm? Synchrony and temporal regularity in human vocalization	<i>Daniel L. Bowling, Christian T. Herbst, W. Tecumseh Fitch</i>
Bridging the gap: From bodily mimesis to speech	<i>Erin Brown, Jordan Zlatev</i>
The emergence of combinatoriality in the cultural transmission of pop songs in a children’s gameshow†	<i>Jon Carr</i>
The cumulative cultural evolution of category structure in an infinite meaning space	<i>Jon Carr, Hannah Cornish, Simon Kirby</i>
Do talk to strangers: Maternal and non-maternal	<i>Erica Cartmill, Richard Byrne</i>

interaction in the transmission of primate gesture	
Strategies for the emergence of first-order constituent structure	<i>Emilia Garcia Casademont, Luc Steels</i>
The evolution of polysemy in child language†	<i>Bernardino Casas, Neus Catala, Ramon Ferrer-i-Cancho, Jaume Baixeries</i>
Zebra finches can learn to recognize affixations	<i>Jiani Chen, Naomi Jansen, Carel Ten Cate</i>
Vocal communication in Gibbons†	<i>Esther Clarke, Klaus Zuberbubler, Ulrich Reichard</i>
The dissolution of language & speech following brain damage	<i>Chris Code</i>
Frequency and stability of linguistic variants	<i>Christine Cuskley, Claudio Castellano, Francesca Colaiori, Vittorio Loreto, Martina Pugliese, Francesca Tria</i>
Biological adaptation to cultural traits	<i>Bart de boer</i>
Language and speech are old: A review of the evidence and consequences for modern linguistic diversity	<i>Dan Dediu, Stephen Levinson</i>
The role of the human political singularity in the emergence of language	<i>Jean-Louis Dessalles</i>
Conversational infrastructure and the convergent evolution of linguistic items	<i>Mark Dingemans, Francisco Torreira, N.J. Enfield</i>
Words as unmotivated cues	<i>Pierce Edminston, Gary Lupyan</i>
What were we talking about? Exchanging social models as a route to language	<i>Martin Edwards</i>
Representations are selected: They don't just drift	<i>T. Mark Ellison, Nicolas Fay, Monica Tamariz, Dale Barr</i>
The cumulative cultural evolution of an instruction language	<i>Nicolas Fay, T. Mark Ellison, Riccardo Fusaroli, Kristian Tylen</i>
Birds tutored with their own developing song produce normal song as adults	<i>Olga Feber, Iva Ljubicic, Kenta Suzuki, Kazuo Okanoya, Ofer Tchernichovski</i>
Regularization in language evolution: On the joint contribution of domain-specific biases and domain-general frequency learning	<i>Vanessa Ferdinand, Simon Kirby, Kenny Smith</i>
Why might be SOV initially preferred and then lost or recovered? A theoretical framework	<i>Ramon Ferrer-i-Cancho</i>
Linguistic animals: Understanding language through a comparative approach†	<i>Piera Filippi</i>
The effect of pitch enhancement on spoken language acquisition	<i>Piera Filippi, Bruno Gingras, W. Tecumseh Fitch</i>
Language from gesture? Emergent transitivity marking in Nicaraguan Sign Language	<i>Molly Flaherty, Susan Goldin-Meadow, Ann Senghas, Marie Coppola, Lila Gleitman</i>
Creative compositionality from reinforcement learning in signaling games	<i>Michael Franke</i>
Four wrong ideas in evolutionary linguistics	<i>Koji Fujita</i>
Overlapping and synchronization in the song of the Indris (Indri Indri)	<i>Marco Gamba, Valeria Torti, Giovanna Bonadonna, Gregorio Guzzo, Cristina Giacomini</i>
Artificial Grammar Learning in infants, adults, and songbirds: What is shared, what is learned?	<i>Andreea Geambasu, Michelle Spierings, Clara Levelt, Carel Ten Cate</i>
A revival of the Homo Loquens as a builder of labeled structures†	<i>Tomas Goucha, Emiliano Zaccarella, Angela D. Friederici</i>
Language development in children with laryngeal abnormalities identifies prerequisites for verbal protolanguage	<i>Glen Green, Caroline Green</i>
A matter of perspective: Viewpoint phenomena	<i>Stefan Hartmann, Michael Pleyer</i>

in the evolution of grammar	
A constructionist approach to the evolution of morphological complexity	<i>Stefan Hartmann</i>
Language evolved for storytelling in a super-fast evolution†	<i>Till Nikolaus von Heiseler</i>
Multimodal communication in wild Chimpanzees	<i>Catherine Hobaiter, Richard Byrne, Klaus Zuberbuhler</i>
Comparative method for determining lexical stress in nonsense words†	<i>Marisa Hoeschele, W. Tecumseh Fitch</i>
Sound symbolism and arbitrary sound-meaning relationships in language	<i>Mutsumi Imai, Michiko Asano, Guillaume Thierry, Keiichi Kitajo, Hiroyuki Okada, Sotaro Kita</i>
What iconicity can and cannot do for proto-Language	<i>Elizabeth Irvine</i>
Did language evolve incommunicado?	<i>Sverker Jobansson</i>
Tracing language primitives: Phonosemantic realization of fundamental oppositional pairs	<i>Niklas Jobansson, Gerd Carling, Arthur Holmer, Joost Van de Weijer, Jordan Zlatev</i>
The origins of regularity in language: Why coordination matters	<i>Caroline Kamps, Vanessa Ferdinand, Simon Kirby</i>
Efficient communication and language evolution	<i>Paul Kay</i>
Evolutionary paths to compositional language	<i>Dimitar Kazakov, Mark Bartlett</i>
Systems emerge: The cultural evolution of interdependent sequential behaviours in the lab	<i>Simon Kirby, Hannah Cornish, Kenny Smith</i>
Hunter-gatherer egalitarianism enabled grammar to evolve	<i>Chris Knight, Jerome Lewis</i>
Formant tuning technique in vocalizations of non-human primates†	<i>Hiroki Koda, Isao Tokuda, Chisako Oyakawa, Toshikuni Nibonmatus, Masumi Wakita, Nobuo Masataka, Takeshi Nishimura</i>
Bow-and-arrow technology: Mapping human cognition and perhaps language evolution†	<i>Alexandra Kratschmer, Miriam Haidle, Marlixe Lombard</i>
Patterns of variation in language and tool use: An ethnographic and comparative approach	<i>Anneliese Kuhle</i>
Grasping compositional pattern in an artificial language by Chinese participants	<i>Yau Wai Lam, Tao Gong</i>
From grasping to grooming to gossip	<i>David Leavens, Jared Taghialatela, William D. Hopkins</i>
A multimodal perspective on ape communication	<i>Katja Liebal</i>
Social structure from language games†	<i>Dorota Lipowska, Adam Lipowski</i>
Getting communication started: The superiority of gesture over non-linguistic vocalization	<i>Casey Lister, Nicolas Fay, T. Mark Ellison, Susan Goldin-Meadow</i>
The effect of size of articulation space on the emergence of combinatorial structure	<i>Hannah Little, Bart de boer</i>
The emergence of compound signals	<i>Erkki Luuk, Hendrik Luuk</i>
Comparative psychology and the evolution of language: Methodology matters	<i>Heidi Lyn</i>
Pronomial characteristics of an evolved language: Is brevity an evolutionary advantage?†	<i>Caroline Lyon</i>
Broadcasting to the enemy: Deception as a solution in evolution of language†	<i>L'udovít Malinovsky</i>
Recursion is not language domain-specific: Interim results of a research program	<i>Mauricio Martins</i>
Culture Vs. Biology: Adversarial coevolution during the evolution of the lexicon	<i>Luke McCrobon</i>

From hand to mouth: Fine precision grip during mutual grooming elicited wide lip movements in wild Fongoli chimpanzees	<i>Adrien Meguerditchian, Marie Plouvier, Jill D. Pruetz, William D. Hopkins</i>
On the emergence of bilingualism in a communication “ALL”, task as a result of competition between social conformism and language simplification	<i>Jerome Michaud</i>
The nature of language in interaction†	<i>Ashley Micklos</i>
Establishing a communication system: Miscommunication drives abstraction	<i>Gregory Mills</i>
On the reliability of unreliable information: Gossip as cultural memory	<i>Dominic Mitchell, Joanna Bryson, Gordon Ingram</i>
Dogs need embodied directions: Children but not dogs possess skills needed for communicating with absent interlocutors†	<i>Richard Moore, Bettina Mueller, Juliane Kaminski, Michael Tomasello</i>
Is Gricean communication necessarily cooperative?	<i>Richard Moore</i>
Modality switch in human language evolution†	<i>Roland Mühlenbernd, Dankmar Enke</i>
What Dwight L. Bolinger probably would have contributed to evolutionary linguistics	<i>Salikoko S. Mufwene</i>
Homo Praedicans†	<i>Albert Naccache</i>
The phonatory culture hypothesis	<i>Dillon Niederbut</i>
Motivated Vs. conventional systematicity: Implications for language learning and the structure of the lexicon	<i>Alan Nielsen, Simon Kirby, Kenny Smith</i>
Evolution of tense and aspect	<i>Mieko Ogura, Takumi Inakazu, William S-Y. Wang</i>
Orofacial gestures in language evolution: The auditory feedback hypothesis†	<i>Sylwester Orzechowski, Sławomir Wacniew, Przemysław Zywiżynski</i>
Iconicity and ape gesture	<i>Marcus Perlman, Nathaniel Clark, Joanne Tanner</i>
Iterative vocal charades: The emergence of conventions in vocal communication	<i>Marcus Perlman, Rick Dale, Gary Lupyan</i>
Constructions, construal and cooperation in the evolution of language†	<i>Michael Pleyer, Nicolas Lindner</i>
Female philopatry and egalitarianism as conditions for the emergence of intersubjectivity	<i>Camilla Power</i>
The role of vocal learning in the acoustic communication of the Egyptian fruit bat	<i>Yosef Prat, Mor Taub, Yossi Yovel</i>
The role of interaction in regularization	<i>Martina Pugliese, Vittorio Loreto, Christine Cuskley, Claudio Castellano, Francesca Colaiori, Francesca Tria</i>
The psychology of biological clocks: A new framework for the evolution of rhythm	<i>Andrea Ravignani, Daniel L. Bowling, Simon Kirby</i>
The paradox of linguistic complexity and community size	<i>Florencia Reali, Nick Chater, Morten Christiansen</i>
Social interaction influences the evolution of cognitive biases for language†	<i>Sean Roberts, Bill Thompson, Kenny Smith</i>
Detecting differences between the languages of Neanderthals and modern humans	<i>Sean Roberts, Dan Dediu, Stephen Levinson</i>
Understanding the linguistic structure and evolution of web search queries	<i>Rishiraj Saha Roy, Dastagiri Reddy, Niloy Ganguly, Monojit Choudhury</i>
The effect of iconicity on the emergence of combinatorial structure: An experimental study	<i>Gareth Roberts, Bruno Galantucci</i>
Accelerated regions and the language faculty†	<i>Carmen Saldana</i>
The role of iconicity in the evolution of linguistic	<i>Julio Santiago, Monica Tamariz, Gabriella Vigliocco,</i>

structure	<i>David Vinson</i>
Chimpanzee food grunts are directed at specific individuals: Precursors for triadic communication?	<i>Anne Schel, Zarin Machanda, Simon Townsend, Klaus Zuberbuhler, Katie Slocombe</i>
About time: Semantic structure in emerging language	<i>Marieke Schouwstra</i>
Handicaps are unnecessary for human communication	<i>Thomas Scott-Phillips, Max Burton-Chellen, Stuart West</i>
The origins of word meaning†	<i>Catriona Silvey</i>
Intentionality in the production of Chimpanzee alarm calls	<i>Katie Slocombe, Simon Townsend, Zarin Machanda, Klaus Zuberbuhler, Anne Schel</i>
The cognitive underpinnings of metaphor as the driving force of language evolution†	<i>Andrew Smith, Stefan Hofler</i>
Prosodic cue weighting by Zebra Finches	<i>Michelle Spierings, Carel Ten Cate</i>
Minimal requirements for the emergence of learned signalling	<i>Matthew Spike, Kevin Stadler, Simon Kirby, Kenny Smith</i>
Incremental recruitment language - A formalism for evolutionary semantics	<i>Michael Spranger</i>
Momentum-based language change: A non-adaptive model of directional selection	<i>Kevin Stadler, Richard A. Blythe, Kenny Smith, Simon Kirby</i>
Linearisation of adjectives: The grammatical face on perceptual/conceptual biases?†	<i>Jakob M. Steixner</i>
Symbolisation and cognition	<i>Justin Sulik</i>
The evolutionary relations between music and language: A cross-musical idiom approach from the comparative perspective of language and music†	<i>Xiaoxia Sun, Uwe Seifert</i>
Organization of language: Evaluation of modularity theories†	<i>Adam Szalontai, Katalin Csizsar</i>
Supporting evidence for language polygenesis from Neanderthal-Human interbreeding†	<i>Pui Yiu Szeto</i>
Language emergence in the laboratory: A method suitable to dynamical systems analysis†	<i>Whitney Tabor, Russell Richie, Harry Dankowicz</i>
Is the syntax rubicon more of a mirage?	<i>Maggie Tallerman</i>
Culture: Copying, compression and conventionality	<i>Monica Tamariz, Simon Kirby</i>
Symbol extension and meaning generation in cultural evolution for displaced communication†	<i>Kaori Tamura, Takashi Hashimoto</i>
Model fitting and prediction for language evolution†	<i>Bill Thompson, Vanessa Ferdinand</i>
The effect of communication on category structure	<i>Bill Thompson, Catriona Silvey, Simon Kirby, Kenny Smith</i>
Fitness landscapes in cultural language evolution: A case study on German definite articles	<i>Remi van Trijp</i>
On the relations between articulatory gestures and manual grasping	<i>Lari Vainio, Mikko Tiainen, Kaisa Tiippana, Martti Vainio</i>
Learning speech-like signals from a skewed continuous distribution†	<i>Sabine van der Ham, Bart de boer</i>
Development of language through shared intentionality and categorization	<i>Olga Vasileva</i>
Iterated learning of sound systems and the emergence of tone categories	<i>Tessa Verboef, Bart de boer</i>
Selection in the lexicon	<i>Annemarie Verkerke, Andreea Calude, Mark Pagel</i>

Social word learning strategies in different cultures	<i>Paul Vogt, J. Douglas Mastin</i>
The mental synthesis theory predicts the dual origin of human language	<i>Andrey Vysbedskiy</i>
Frequency-dependent bias affects the spread of human communication systems	<i>Bradley Walker, Nicolas Fay, T. Mark Ellison</i>
Adaptive strategies in the origins of semantic categories	<i>Pieter Wellens</i>
The influence of music on the perception of emotions in voice samples: Evolutionary implications	<i>Jacek Wilczyński, Sławomir Waceniak, Przemysław Zywnicki</i>
Semantic crowding triggers systematically structured sign systems	<i>Michael Wilson, T. Mark Ellison, Nicolas Fay</i>
Cognitive factors motivating the evolution of word meanings: Evidence from corpora, behavioral data and encyclopedic network structure	<i>Bodo Winter, Graham Thompson, Matthias Urban</i>
Speech is characterized by robustness, neutrality and evolvability†	<i>Bodo Winter</i>
Experimentally investigating the role of context in the structuring of the linguistic system over cultural evolution	<i>James Winters, Simon Kirby, Kenny Smith</i>
Neural networks, algebraic rules & human uniqueness	<i>Marieke Woensdregt, Willem Zuidema</i>
The magic number 4: Evolutionary pressures on semantic frame structure	<i>Dekai Wu</i>
Modelling language competition without prestige	<i>Meng Han Zhang, Tao Gong</i>
Requirements on scenarios for the evolution of language and cognition	<i>Willem Zuidema</i>