



24 September 2015

| | | | |
|-------------|--|---|---|
| 8:30-9:00 | REGISTRATION (Foyer AULA MAGNA) | | |
| 9:00-9:15 | OPENING (AULA MAGNA) | | |
| 09:15-10:15 | INVITED PLENARY (AULA MAGNA) Francesco d'Errico <i>Cultural exaptation, a key mechanism for understanding the emergence of complex cultural transmission</i> | | |
| 10:15-10:30 | Coffee break (Foyer AULA MAGNA) | | |
| | AULA MAGNA | AULA VERRA | AULA MATASSI |
| | SYMPOSIUM <i>The emergence of the human language-ready-brain</i> (Organizers: Benítez-Burraco/ Boeckx). | PARALLEL SESSION 2 | PARALLEL SESSION 3 |
| 10:30-10:55 | Benítez-Burraco A., <i>Genetic underpinnings of language-readiness</i> | <i>Ways to Proto-Morphology: What complex words reveal about human cognition and cultural evolution</i> Hartmann S. | <i>Gorillas combine gestures into sequences for (at least) two different reasons</i> Tanner J.E. & Perlman M. |
| 10:55-11:20 | Theofanopoulou C., <i>Globularity and laterality.</i> | <i>Differential Composition - How to Grow a Language</i> Long C. | <i>Not a Monolith: an Evolutionary Odyssey from Ape Vocalisations to Human Music</i> Miani A. |
| 11:20-11:45 | Boeckx C., <i>Globularity and the rise of speech as we know it</i> | <i>On modelling the emergence of language: the case of a "horde" of autonomous robotic agents</i> Konderak P. | <i>Do chimpanzees and bonobos communicate differently?</i> Fröhlich M., Kuchenbuch P.H., Hohmann G., Furuichi T., Wittig R.M. & Pika S. |
| 11:45-12:10 | Asano R., <i>Musical abilities and language-readiness</i> | <i>The cultural evolution of functional morphology in an Iterated Learning Experiment</i> Saldana C., Kirby S. & Smith K. | <i>Compositional Syntax in a Cooperatively Breeding Bird</i> Engesser S., Townsend S.W. & Ridley A. |
| 12:10-12:35 | PARALLEL SESSION 1 <i>Iconicity in spoken languages and its relation to ease of word learning</i> Perry L., Perlman M. & Lupyan G. | <i>Easing automation in sentence processing: the emergence of Topic and Presupposition units in human language</i> Vallauri E. & Masia V. | <i>The Multimodal Origin Of Human Speech</i> Qing Zhang E., Tiago Martins P. & Shi E.R. |
| 12:35-13:00 | <i>Evolutionary perspective on imitative patterns in pantomime vocalisations</i> Rogalska K., Jaskólska A., Waciewicz S. & Żywicznyński P. | <i>Ontogenetic Ritualization and The Emergence of Gestural Symbols in Autonomous Robot</i> Spranger M. & Steels L. | |
| 13:00-14:30 | Lunch (Foyer AULA MAGNA) | | |
| 14:30-15:30 | INVITED PLENARY (AULA MAGNA) Elisabetta Visalberghi <i>Stone tool use in nonhuman primates. A comparison between FBV bearded capuchins and Tai chimpanzees</i> | | |

| | AULA MAGNA | AULA VERRA | AULA MATASSI |
|---|--|--|---|
| | SYMPOSIUM <i>Protolanguage and Protoreligion Co-Evolution Symposium</i> (Organizers: Feierman/Oviedo/Colagè/Williamson/ Favrega Jr.) | PARALLEL SESSION 2 | PARALLEL SESSION 3 |
| 15:30-15:55 | Williamson P., <i>Do neuropsychiatric disorders, language and religion emerge from adaptations in the human brain that allow the consideration of consequences of two or more courses of action?</i> | <i>Environmental affordances shape linguistic coordination in the maze game</i> Nölle J., Mills G.J. & Tylèn K. | <i>The uniquely human cognitive bias that makes language learning possible</i> Imai M., Murai C., Miyazaki M., Tomonaga M. & Okada H. |
| 15:55-16:20 | Colagè I., <i>The role of cultural processes in the acquisition of language and religion. A theoretical perspective</i> | <i>Storytelling without telling: pre-linguistic origins of narratives from an evolutionary perspective</i> Sibierska M. | <i>What language is for: A view from cognition</i> Lupyan G. |
| 16:20-16:45 | Feierman J., <i>Speech and religions' co-evolutionary paths</i> | <i>Self-regulators: a hidden dimension of conversational cooperation?</i> Orzechowski S., Zywczyński P., Waciewicz S. & Pałka N. | <i>Towards a map of linguistic phenotypes</i> Barcelo-Coblijn L. |
| 16:45-17:00 | Coffee break (Foyer AULA MAGNA) | | |
| 17:00-17:25 | Oviedo L., <i>Religion as a language: basic and developed expressions</i> | <i>Linking actions and intentions to discourses: Towards an embodied pragmatic theory of language evolution</i> Cosentino E. | <i>Squeal, laugh, and take turns. Differences in emotional mechanisms between speech and birdsong learning</i> Berra I. |
| 17:25-17:50 | PARALLEL SESSION 1 <i>The phonetics of chimpanzees: Articulatory acoustic analysis</i> Uomini N., Grawunder S. & Crockford C. | <i>Mental time travel, storytelling and the evolution of language: insights from Autism Spectrum Disorder</i> Ferretti F., Valeri G., Adornetti I., Chiera A., Magni R., Nicchiarelli S. & Marini A. | <i>The development of sophisticated forms of communication in humans</i> Galantucci B. |
| 17.50 –18.15 | | <i>Protolanguage and the Dynamics of Meaning Construal in Interaction</i> Pleyer M. | |
| 18.15 –19.00 | *POSTERS SESSION (Foyer AULA MAGNA) | | |
| 20.00 CONFERENCE DINNER AR VOLO RISTORANTE PIZZERIA – Lungotevere di Pietra Papa, 55 | | | |

25 September 2015

| | | | |
|--------------|--|---|--|
| 09:00-10:00 | INVITED PLENARY (AULA MAGNA) Dan Dediu <i>Language doesn't evolve in a void: culture, biology and physical environment</i> | | |
| 10:00-10:20 | Coffee break (Foyer AULA MAGNA) | | |
| | AULA MAGNA SYMPOSIUM <i>Iconicity in protolanguage. Motivating meaning in vision and sound</i> (Organizers: Wacewicz/ Zlatev/ Zywiczyński) | AULA VERRA SYMPOSIUM <i>Cues for language. The story of language from a multidisciplinary approach</i> (Organizers: D'Alonzo/Di Paolo/ De Simone) | AULA MATASSI PARALLEL SESSION 3 |
| 10:20-10:45 | Lister C.J., Fay N., Ellison M & Ohan J., <i>Creating new sign systems from scratch: gesture has the upper hand</i> | D'Alonzo J., <i>From gesture to cooperation. A brief history of philosophical debate on protolanguage</i> | <i>Decanalization and the emergence of modern language: a molecular approach</i> Benítez-Burraco A. |
| 10:45-11:10 | Larsson M., <i>Locomotor and tool use as associated sound in the evolution of language</i> | Di Vincenzo F., <i>Motor facilitation of the imitative vocal gesture and the origin of speech</i> | <i>Niche construction, relaxed selection and neoteny: the evolution of language within an updated evolutionary research program</i> Suman F. |
| 11:10-11:35 | Perlman M., Paul J.Z & Lupyan G., <i>Congenitally deaf children generate iconic vocalization to communicate magnitude</i> | Napoli M., <i>Carve the experience. Narrativity between cognition and language</i> | <i>How speech connects with language: Interactions between learning mechanisms and sexual selection</i> Castillo G. |
| 11:35-12:00 | Zlatev J., Zywiczyński P. & Wacewicz S., <i>Multimodal in event reenactments</i> | De Simone D.A., <i>The predictive brain hypothesis and the challenge of language</i> | <i>Can adequate cognitive phylogenies be constructed?</i> Theofanopoulou C. & Boeckx C. |
| 12:00-12:25 | PARALLEL SESSION 1 <i>Semiotic exaptations in the homo genus: the unique morphology of the human eye</i> Perea García J. O. | PARALLEL SESSION 2 <i>The transmission of entrenched linguistic knowledge through iterated learning among native speakers of Italian</i> Rogalska K. | <i>'Index Spectrum Protolanguage Hypothesis': A Perspective From Comparative Bilingualistics</i> Shi E.R. |
| 12.25- 12:50 | <i>Age-related variability in the processing of gestural information</i> Cefidekhanie A.H. & Colletta J.M. | <i>Modelling the Role of Theory of Mind in Language Evolution</i> , Woensdregt M., Kirby S., Smith K. | |
| 12.50 –13:20 | AULA MAGNA Dan Dediu - Presentation of the Journal of Language Evolution, Oxford University Press 2016 | | |

| | | | |
|---|---|--|---|
| 13:20-14.30 | Lunch (Foyer AULA MAGNA) | | |
| | AULA MAGNA INVITED SYMPOSIUM <i>Holistic approach onto minds in our closest relatives (Organizer: Matsuzawa T.)</i> | AULA VERRA PARALLEL SESSION 2 | SALA PROFESSORI PARALLEL SESSION 3 |
| 14:30-14:55 | Adachi I., <i>Primate origins of conceptual metaphors. Comparative cognitive approach to cross-modal correspondences</i> | <i>Continuity and discontinuity in human language evolution: a historical perspective on an old-fashioned debate</i> Pievani T. & Parravicini A. | <i>Protolanguage possibilities in a Construction Grammar framework</i> Johansson S. |
| 14:55-15:20 | Hayashi M., <i>Studying cognitive development in wild chimpanzees by focusing on action grammar in tool-using behaviour</i> | <i>Expressive sounds: Gesture, Interjection and Onomatopoeia in E. B. Tylor's Theory of the Origin and Development of Language</i> Mocerino R.P. | <i>Experimental Evidence for Phonemic Contrasts in a Nonhuman Vocal System</i> Townsend S., Russell A. & Engesser S. |
| 15.20-15:45 | Yamamoto S., <i>Evolutionary origin of cooperation: comparative cognitive study with chimpanzees and bonobos in the wild</i> | <i>The Rise of Denomination. Darwinism and philology in G. J. Romanes' hypotheses on the origin of language</i> Piattelli M. | <i>Communicative Relevance and Morphological Complexity: An Iterated Learning Approach</i> Hartmann S., Nölle J., Pleyer M. & Tinits P. |
| 15.45 -16.10 | PARALLEL SESSION 1 <i>Evolution by Selection in Iterated Language Learning Experiments</i> Tamariz M. & Shurley J. | <i>Musical emotions at the intersection between philosophy and psychology</i> Meini C. | <i>Meaningful 'mistakes' in language behaviour as a basic factor in its evolutionary dynamics</i> Jasiński A. |
| 16.10 -16.25 | <i>The Vocal Iconicity Challenge!</i> Perlman M. & Lupyan G. | <i>The Prehistory of Protolanguage's Notion. Condillac, De Brosses, Rousseau and the origins of language in the Eighteenth Century</i> Quintili P. | <i>The Pullo-Vorenius-Hypothesis</i> , von Heiseler T. N. |
| 16:25-17.00 | Coffee break (Foyer AULA MAGNA) | | |
| 17:00 | Moving to Palladium Theatre – Piazza Bartolomeo Romano, 8 | | |
| 18:00–19:00 | INVITED PLENARY (PALLADIUM THEATRE) Michael Corballis <i>Mental prerequisites for language</i> | | |
| 19:00-20:00 | INVITED PLENARY (PALLADIUM THEATRE) Ian Tattersall <i>An evolutionary context for the acquisition of modern human cognition and language</i> | | |
| 20:30 ROMA TRE ORCHESTRA IN CONCERT <i>Schubert Soirée</i> Sonata in A minor for Arpeggione and Piano, D. 821 / The Trio No. 2 in E-flat major for piano, violin, and violoncello, D.929 | | | |

26 September 2015



| | | | |
|---------------------------------------|---|--|---|
| 09:00-10:00 | INVITED PLENARY (AULA MAGNA) Daniel Dor <i>From Experience to Imagination: The Origin and Evolution of Language as a Communication Technology</i> | | |
| 10:00-10:20 | Coffee break (Foyer AULA MAGNA) | | |
| 10:20-12.20 | AULA MAGNA | AULA VERRA | SALA PROFESSORI |
| | INVITED SYMPOSIUM <i>Ontogeny and language evolution</i> (Organizers: Lock A. /Sinha C.) | SYMPOSIUM <i>The evolution of Gricean communication</i> (Organizers: Moore/Bar-On/Crockford/Proust/ Townsend.) | INVITED SYMPOSIUM <i>Language Origin Society</i> (Organizers: Bichakjian) |
| 10:20-10:45 | Lyn H., <i>The ubiquity of gestural comprehension</i> | Bar-On D., <i>Expressive communication, the origins of meaning</i> | Feeney A., <i>Was there a protolanguage of thought?</i> |
| 10:45-11:10 | Liszkowski U., <i>Limits, scopes, and origins of infant communication</i> | Moore R. & Crockford C., <i>The Gricean status of chimpanzee vocal communication</i> | Kendon A., <i>The place of gesture in language origins theories: a critical evaluation</i> |
| 11:10-11:35 | Cochet H., <i>Hand preference for symbolic gestures and pointing gestures: clues toward the understanding of language development</i> | Proust J., <i>On non-Gricean communication in non-humans and humans</i> | Bichakjian B., <i>What language evolution tells us about the evolution of our potential for language</i> |
| 11:35-12:00 | Gontier N., <i>Epistemic pluralism and the evolution of communication</i> | PARALLEL SESSION 2 | Carnie J., <i>A Generalist Account of the Evolution of Linguistic Meaning</i> |
| | | <i>"Creative" imitation. The case of Parody Poggi I. & d'Errico F.</i> | |
| 12.00- 12:25 | PARALLEL SESSION 1 | PARALLEL SESSION 2 | PARALLEL SESSION 3 |
| | <i>The emergence of systematic structure in artificial gestural communication systems.</i> Motamedi Y., Smith K., Schouwstra M. & Kirby S | <i>Language evolution in social media: investigating glossogenetic phenomena in Twitter hashtag streams</i> Pokornowski M. | <i>On the origin of language between gestures and sounds</i> Di Vincenzo F., Di Paolo L.D., De Simone D.A. & Manzi G. |
| 12:25 CONCLUDING REMARKS (AULA MAGNA) | | | |

*LIST OF POSTERS

Oxford University Press will offer a prize for the best poster.
The winner will be awarded during the conference

- Abrunhosa A., *Communicating with stones: Neanderthal raw material procurement*
- Adornetti I., *Action, tools and language evolution: from syntax to pragmatics*
- Boeckx C. and Benítez-Burraco A., *The “autistic Neanderthal” revisited: autism-candidate genes and the evolution of language-readiness*
- Chiera A., *Alignment as the key for communication: an evolutionary hypothesis*
- Clarke E., Pieters E., Pinfield T., Heistermann M. and Setchell J. M., *Advertising fertility as a pathway to the evolution of proto-language*
- De Carolis L., Coupé C. and Marsico E., *Investigating phonosymbolism with an implicit judgement task in French*
- Gonseth C., Kawakami F., Ichino E. and Tomonaga M., *Distance encoding in chimpanzees communicative behaviors*
- Hussain M., *Gender difference in the representation of linguistically related iconic gestures in L1 Urdu speakers*
- Irmak N., *Artifactual Theory of Words*
- Larsson M., *Tool-use, thorax asymmetry, and human handedness – a re-evaluation of the warfare shield theory*
- Maiorano G., *Imitative iconic embryo-stage in human proto-language: from environmental sounds to early phonemes*
- Mészáros A., *The role of social structure and hierarchy in the evolution of language*
- Nicchiarelli S., *Language in Action. Holophrases as verbal motor gestures in Holistic Protolanguage*
- Qing Zhang E., *The evolution of the human vocal learning pathway*
- Rodrigues E. and Frota S., *Communicative gestures in human infants and chimpanzees*
- Stjernberg F., *The role of tool use and tool making in the evolution of language*