

## CURRICULUM VITAE

Massimo Piattelli-Palmarini is (since August 1999 to present) Professor of Cognitive Science at the University of Arizona, member of the Department of Linguistics (his tenure home), of the Cognitive Science Program, of the Department of Psychology, and honorary member of the Department of Management and Organizations.

He obtained his doctorate in Physics at the University of Rome in 1968.

He has been (in reverse chronology):

- From January 1994 to July 1999 founder and director of the Department of Cognitive Science (DIPSCO), of the Scientific Institute San Raffaele, in Milan (Italy), and then professor of Cognitive Psychology at the San Raffaele University.
- From September 1985 to December 1993 Principal Research Scientist at the Center for Cognitive Science of MIT (Cambridge, MA);
- Visiting professor at:
  - The University of Venice (Italy) in the Department of Architecture and Design and in the Department of Linguistics (Spring 2010),
  - MIT (Department of Linguistics, Fall 2002 and Spring 1993)
  - Rutgers University, NJ (Center for Cognitive Science, Fall 1992)
  - Harvard University (Department of the History of Science, Spring 1988 and 1989, Linguistics Department, Spring 2007)
  - University of Maryland College Park (Department of Linguistics, Fall 2006)
  - Collège de France (Paris, France, May-June 2002)
  - University of Bologna (Spring 1997 and 1998).

In 1990 chairman and organizer of the XII Annual Conference of the Cognitive Science Society, held at MIT in August, and the editor of the proceedings.

- From 1980 to 1985 director of the Florence Center for the History and Philosophy of Science (Florence, Italy).
- From 1974 to 1979 director of the Royaumont Center for A Science of Man in Paris (Chaired by the French geneticist and Nobel Laureate Jacques Monod), and lecturer at the Ecole des Hautes Etudes en Sciences Sociales (Paris Sorbonne).
- From 1969 to 1971 chargé de recherche at the Pasteur Institute in Paris (under the supervision of Jacques Monod).
- From 1968 to 1969 post-doc researcher at the Institute of Physical Chemistry of the University of Rome (Italy), under the supervision of Prof. Alfonso Maria Liquori.

### **I Member of:**

American Psychological Society, Cognitive Science Society, American Philosophical Association, Society for Judgment and Decision Making, Linguistic Society of America, European Association for Decision Making, Society for Philosophy and Psychology, European Society for Philosophy and

Psychology, Italian Council for the Social Sciences, Italian Society for Logic and Philosophy of Science.

**II Member of the Editorial Boards of:**

"Behavioral and Brain Sciences", "Cognition", "Biolinguistics" and "Trends in Cognitive Sciences"

**III Principal Domains of Interest:**

Cognitive Science, Judgment and Decision Making, Biological Foundations of Language, Language Evolution, Philosophy of Mind, Philosophy of Science.

**IV Awards received:**

1995. Accademia d'Abruzzo, Recipient of the prize Premio Il Rosone d'Oro, for the diffusion of science in the general public, Pescara, Italy

1996. Recipient of Premio Tevere for the best book of non-fiction (Item n. 4 here below), Rome (Italy)

2006. Recipient of the Medal of the Chambers of Representatives (Medaglia della Camera dei Deputati) (one of the two branches of the Italian Parliament, Rome), for the diffusion of science. Ceremony of award held in Rimini (Italy) October 29.

**V –Publications**

**V.1. Books:**

1. *S come Cultura; Protagonisti, Luoghi e Idee delle Scienze Contemporanee*, Saggi Mondadori, Mondadori, Milan, 1987 (paperback edition, March 1992).

2. *La voglia di studiare*, Saggi Mondadori, Milan 1991. [With eleven prints, this book became a stable feature of the 1991 national list of best sellers – always ranking in the top five, and for several weeks in 1991 rated number one for nonfiction. As of July 1997 the total sales in Italy had already exceeded 115,000 copies]. Translated into French, *Le gout des Etudes*. (Editions Odile Jacob, Paris (30,000 copies sold)), German *Lust am Lernen*, Campus Verlag, Frankfurt, 1994, Spanish (2004). *Las Ganas de Estudiar: Cómo Conseguirlas y Disfrutar con Ellas*. Barcelona: Editorial Critica Barcelona.

3. *L'illusione di sapere*, Saggi Mondadori (March 1993). Ranking 3rd to 6th in the list of nonfiction bestsellers in Italy in the Spring of 1993, it has sold over 35,000 copies in one year. Translations into: English: *Inevitable Illusions*, (J. Wiley & Sons, 1994). French: *La réforme du jugement* (O. Jacob, Paris, 1995). Spanish: *Los tuneles de la mente*, Editorial Critica, Barcelona, 1995. Dutch: *Onvermijdelijke illusies*, Uitgeverij Het Spectrum, Utrecht, 1996. German: *Die Illusion zu Wissen*, Rowohlt, Renbeck bei Hamburg, 1997. Portuguese: *A ilusao de saber*, Difusau Cultural, Lisbon, 1997.

- Chinese (abridged edition) *Bukebimian de cuojue* (translated by Jiang Ouyang; Beijing: Central Compilation & Translation Press, 2005).
4. *Ritrattino di Kant ad uso di mio figlio* Piccoli Oscar Mondadori, 1994. Translation into French: *Petit traité sur Kant à l'usage de mon fils*. O. Jacob, 1996 (was awarded the Premio Tevere for nonfiction in 1996, see above).
5. *L'arte di persuadere* Saggi Mondadori (April 1995). French Edition: *L'art de persuader* (O. Jacob, Paris, March 1999)
6. *I linguaggi della scienza*. Milan (Italy): Mondadori. (2003) With a blurb by Noam Chomsky and one by Umberto Eco
7. *Psicologia ed economia delle scelte: Quattro lezioni al Collège de France* (in collaboration with Jocelyn Raude). Torino: Codice Edizioni (2005). French edition *Choix, décisions et préférences: Quatre leçons au Collège de France*. Paris (France): Editions Odile Jacob (2006).
8. *Le Scienze Cognitive Classiche; Un Panorama* Einaudi, Torino (2008) A textbook for undergraduate courses on cognitive science.
9. (with Jerry Fodor) *What Darwin Got Wrong* Farrar, Straus and Giroux in the US, Profile Books in the UK, Italian translation *Gli Errori di Darwin* Feltrinelli, Milan (February/April 2010). Paperback edition (2011) Picador Press with an additional Chapter: *Reply to our Critics*
10. *Chi Crediamo di Essere*. Mondadori, Milan (Italy) (2011) A book for a popular audience, about results from cognitive science and linguistics that tell us something about ourselves. French translation forthcoming at Editions Odile Jacob. English translation under consideration

## V.2. Edited books

1. E. Morin, M. Piattelli.Palmarini (Eds.) *L'unité de l'homme; Invariants biologiques et universaux culturels*, Éditions du Seuil, Paris, 1974 (paperback edition, in three volumes, 1978); Spanish transl. in two separate volumes, *La Unidad del Hombre* (vol. I), *El primate y el hombre*, (vol. II), Editorial Argos Vergara, S.A., Barcelona 1983; Japanese transl., Heibonsha, Ltd., 1979; abridged Greek translation, Alexandria Publ., Athens, 1995.
2. M. Piattelli.Palmarini (Ed.), *Théories du langage, théories de l'apprentissage: le débat entre Jean Piaget et Noam Chomsky*, Editions du Seuil, Paris 1979; American edition: *Language and Learning: the Debate between Jean Piaget and Noam Chomsky*, Harvard University Press, Cambridge MA, 1980; English edition, Routledge and Kegan Paul, London 1980; Spanish transl., Editorial Critica, Barcelona 1983; Portuguese transl., Editora Cultrix, Sao Paulo 1983. Italian translation: Jaca Books, Milan 1991. Basque translation (2010).

*Hizkuntza eta ikastea. Piageten eta Chomskyren arteko eztabaida* Bilbao: Klasikoak.

3. M. Piattelli.Palmarini (Ed.), *Livelli di realta'*, Feltrinelli, Milan, 1984 (paperback edition, October 1987) (Contributors: Alfred J. Ayer, Thomas G. Bever, Italo Calvino, Nelson Goodman, André Green, Edmund Leach, Hilary Putnam, Giuliano Toraldo di Francia, Bas Van Fraassen)
4. G. Longobardi, M. Piattelli.Palmarini (Eds.), *La Conoscenza del Linguaggio*, Il Saggiatore . Mondadori, Milan, 1990 (Italian translation and adaptation of Noam Chomsky's *Knowledge of Language* .1986)
5. M. Piattelli.Palmarini (Ed.) *Proceedings of the XII Annual Conference of the Cognitive Science Society*, (MIT, July 1990), Lawrence Erlbaum Associates, Hillsdale, New Jersey (1990).
6. M. Motterlini and M. Piattelli.Palmarini (Eds.) *Critica della Ragione Economica. Tre Nobel: McFadden, Kahneman, Smith*. Milano (Italy): Il Saggiatore (2005).
7. Piattelli.Palmarini, M., J. Uriagereka and P. Salaburu, Eds. (2009). *Of Minds and Language: A Dialogue with Noam Chomsky in the Basque Country*. Oxford, UK, Oxford University Press.  
(Contributors: Noam Chomsky, Cedric Boeckx, Christopher Cherniak, Janet Dean Fodor, Gabriel Dover, Angela Friederici, Lila Gleitman, Charles R. Gallistel, Rochel Gellman, Marc Hauser, James Higginbotham, Wolfram Hinzen, Itziar Laka, Nuria Sebastian, Juan Uriagereka, Donata VerCELLI)
8. M. Piattelli-Palmarini and R. C. Berwick (eds) *Rich Languages from Poor Inputs: Essays in Honor of Carol Chomsky* Oxford University Press. Oxford UK (2012) (Contributors: Adriana Belletti, Thomas Bever, Robert Berwick, Noam Chomsky, Susan Curtiss, , Janet Dean.Fodor, Lila Gleitman, Barbara Landau, Julie Legate, Merryl Goldberg, Itziar Laka, Jacques Mehler, Laura Ann Petitto, Massimo Piattelli.Palmarini, Charles Read, Luigi Rizzi, Rebecca Treiman, Ken Wexler, Charles Yang).

**V.3. Articles and book chapters** (selection, in chronological order):

1. "Nec tecum nec sine te". *Communications* Vol 18: pp. 128.131 (1972).
2. "Biological roots of the human individual". in: *Law and Ethics of A.I.D. an Embryo Transfer* (G. Wolstenholme & D. Fitzsimmons Eds.), CIBA Foundation Symposium n.17, Elsevier Excerpta Medica, Amsterdam/London, pp.19.41 (1973).
3. "Selected bibliography of works on science and ethics in Italy". in: *Newsletter*, n.16, Harvard Program on Public Conceptions of Science, Cambridge MA, pp. 52.67 (1976)
4. "Anticipazione". In: *Enciclopedia Einaudi*, Vol. I, Einaudi, Turin, pp.122.148

- (1977).
5. "L'entrepot biologique et le démon comparateur". In: Mémoires, special issue of the Nouvelle Revue de Psychanalyse, Paris, pp.105-123 (1977).
  6. (with G. Ramunni). "Catalisi". In: Enciclopedia Einaudi, Vol. II, Einaudi, Turin, pp.771-788 (1978).
  7. "Structure distale et sensation proximale: critères de co-traduisibilité". Communications Vol 31: pp. 171-188 (1979).
  8. "Structures cérébrales et entendement". In: Revue des Travaux de l'Académie des Sciences Morales et Politiques, Paris, pp.189-209 (1979).
  9. "Equilibria, crystals, programs, energetic models and organizational models". In: Boston Studies in the Philosophy of Science, XLVII, (M. L. Dalla Chiara Ed.), D. Reidel, Dordrecht, pp. 341-359 (1981).
  10. "Science et humilité". In: Images de la Science (A. Jacquard, Y. Pelicier, M. Tubiana Eds.), Economica, Paris, pp. 189-193 (1984).
  11. "On the possibility of applying biological laws to social phenomena: an epistemological point of view". in: Population and Biology, (N. Keyfitz Ed.), Ordina Editions, Liège (Belgium), pp. 53-67 (1984).
  12. "The Waning of Parsimony". In: La vita e la sua storia, (L. Bullini, M. Ferraguti, F. Mondella & A. Oliverio Eds.), special issue of Scientia, Milano, pp. 265-292 (1985).
  13. "The Rise of Selective Theories: a Case Study and Some Lessons from Immunology". In: Language Learning and Concept Acquisition: Foundational Issues, (A. Marras & W. Demopoulos Eds.), Ablex Publishing Co., Norwood, NJ, pp.117-130 (1987).
  14. "Ten years later: more chance, less necessity. Language and learning in a selectivist framework". In: From Enzyme Adaptation to Natural Philosophy: Heritage from Jacques Monod (E. Quagliariello, G. Bernardi & A. Ullmann Eds.), Elsevier Scientific Editions, Amsterdam, pp. 197-215 (1987).
  15. "Evolution, Selection and Cognition: From 'Learning' to Parameter Setting in Biology and in the Study of Language". Cognition Vol 31: pp. 1-44 (1989).
  16. "Sélection sémantique et sélection naturelle: le rôle causal du lexique". Revue de Synthèse (special issue on cognitive science) IV (1.2): pp 57-94 (1990).
  17. "Evoluzione, selezione e cognizione: Dall'apprendimento al posizionamento di interruttori mentali". Sistemi Intelligenti, Vol 2 (3): pp. 277-322 (1990).
  18. "Probability blindness: Neither rational nor capricious". Bostonia (2): pp. 28-35 (1991).
  19. "Probability blindness: Neither rational nor capricious". In Annual Editions Psychology (Volume 22, K. G. Duffy Ed.), Dushkin Publishing Co., Guilford, Connecticut, pp. 114-121 (1992) (reprint in a psychology textbook of entry n. 18).

20. "Truth in dreaming". In: *So Human a Brain: Knowledge and Values in the Neurosciences*, (A. Harrington Ed.), Birkhäuser Press, Boston MA, pp.14-36 (1992).
21. "Ever since language and learning: afterthoughts on the Piaget-Chomsky debate". *Cognition* Vol 50: pp. 315-346 (1994). Also reprinted in *Cognition on Cognition* (Elsevier Science Publisher): pp. 361-392 (1995).
22. "Verso una scienza naturale del linguaggio", *Lingua e Stile*, XXXI / 3, Il Mulino, Bologna (1996).
23. with C. Cecchetto "The Problem of Meaning in Generative Grammar". In *The Problem of Meaning: Behavioral and Cognitive Perspectives* (C. Mandell and A. McCabe Eds), pp. 415-469, Elsevier Science USA (1997).
24. "Foreword" to *Rhyme and Reason: An Introduction to Minimalist Syntax* by J. Uriagereka, pp. xxi-xxxvi, The MIT Press, Cambridge, MA, (1998).
25. "La difficile naturalizzazione della mente". In: *Introduzione al Naturalismo Filosofico* (Evandro Agazzi and Nicola Vassallo, Eds) Franco Angeli, Milan, Italy, (1999).
26. (with Claudio de' Sperati) "Cognizione". In *Enciclopedia Italiana (L'Universo del Corpo)* (Vol. II, pp. 734-737). Roma (Italy): Istituto della Enciclopedia Italiana (1999).
27. Cappa, S. F., Moro, A., Perani, D., & Piattelli-Palmarini, M. "Broca's aphasia, Broca's area and syntax: A complex relationship (commentary of Grodzinsky's "The neurology of syntax: Language use without Broca's area"). *Behavioral and Brain Sciences*, 23, pp. 27-28. (2000).
28. "An 'irreducible' component of cognition" in *Thinking about Evolution: Historical, Philosophical and Political Perspectives (Essays in Honour of Richard Lewontin)* (R. S. Singh, C. Krimbas, D. Paul and J. Beatty Eds) Cambridge University Press, pp. 353-376 (2001).
29. "The metric of open-mindedness", *Natural Language & Linguistic Theory*, 18, pp. 859-862 (2000) (actually published in 2001).
30. "Mente", in *Enciclopedia Italiana, "L'Universo del Corpo"*, Volume IV. pp. 413-422 (2000), Istituto dell'Enciclopedia Italiana, Roma. (actually published in 2001).
31. "Portrait of a 'classical' cognitive scientist: What I have learned from Jacques Mehler", in Emmanuel Dupoux (Editor) *Language, Brain and Cognitive Development: Essays in Honor of Jacques Mehler*, Cambridge, MA, The MIT Press (pp. 3-21) (2001)
32. (with Heidi Harley) "Innateness, abstract names, and syntactic cues in How Children Learn the Meanings of Words" (Peer Commentary of Bloom's article). *Behavioral and Brain Sciences*, pp.1107-1108 (2001)
33. "Grammar: The barest essentials". *Nature*, 416 (14 March), p. 129 (2002).
34. "To put it simply" (Basic concepts). *Nature*, 426 (11 December), p. 607 (2003).
35. (with Heidi Harley) "Arguments in the syntactic straightjacket (Commentary on the article "The neural basis of predicate argument

- structure", by James R. Hurford). Behavioral and Brain Sciences, 26 (3), pp. 297-298 (2003).
36. (with Lynn Nadel) "What is cognitive science?" In L. Nadel (Ed.), Encyclopedia of Cognitive Science (Vol 1 .of 4) (Vol. 1, pp. xiii-xli). London UK: Macmillan (2003).
  37. "La cognizione dell'errore", Networks Vol. 5, pp. 128-142 (2005).
  38. Canessa, N., Gorini, A., Cappa, S. F., Piattelli.Palmarini, M., Danna, M., & Fazio, F. "The effect of social content on deductive reasoning: An fMRI study". Human Brain Mapping, 26, pp. 30-43 (2005).
  39. (with Juan Uriagereka) "The Immune Syntax: The Evolution of the Language Virus". In L. Jenkins (Ed.), (Chapter 4 of) Variation and Universals in Biolinguistics (pp. 341-377). Amsterdam, Boston: Emerald Elsevier North-Holland (2004/paperback 2008).
  40. (with Juan Uriagereka) "The evolution of the narrow faculty of language: The skeptical view and a reasonable conjecture". Lingue e Linguaggio, IV (1), pp. 27-79. (2005).
  41. (with Matteo Motterlini) "Introduzione". In M. Piattelli.Palmarini & M. Motterlini (Eds.), Critica della Ragione Economica. Tre Nobel: McFadden, Kahneman, Smith. Milano (Italy): Il Saggiatore. (2005).
  42. (with Matteo Motterlini) "Galleria degli errori economici" (Capitolo 4). In M. Piattelli.Palmarini & M. Motterlini (Eds.), Critica della Ragione Economica. Tre Nobel: McFadden, Kahneman, Smith. Milano (Italy): Il Saggiatore (2005).
  43. (with Cedric Boeckx) "Language as a natural object - linguistics as a natural science". The Linguistic Review, 22 (Special theme issue: "The Role of Linguistics in Cognitive Science" (Nancy Ritter, Ed.)), pp. 447-466 (2005).
  44. Boeckx, C. and M. Piattelli.Palmarini (2007). "Linguistics in cognitive science: The state of the art amended." The Linguistic Review 24: 421-433. (reply to critiques of item 43. Published in the same journal)
  45. "The return of the laws of form". In Life on the Edge (La Vita in Bilico). C. P. Manzu'. Roma (Italy), Centro Pio Manzu'. Volume 2 (Workshop 1): pp. 45-57. (2007)
  46. Smith, E. D., Son, Y. J., Piattelli.Palmarini, M., & Bahill, A. T. "Ameliorating mental mistakes on tradeoff studies". Systems Engineering, 10 (3), pp. 222-240 (2007).
  47. Smith, E. D., M. Piattelli.Palmarini and A. T. Bahill (2008). "Cognitive biases affect the acceptance of tradeoff studies". In Decision Modeling and Behavior in Complex and Uncertain Environments. (T. Kugler, Smith, J. C., Connolly, T. and Son., Y. J., Eds). New York, Springer, Science+Business Media: pp. 227-249.
  48. (with Juan Uriagereka) (2008) "Still a bridge too far? Biolinguistic questions for grounding language on brains" Physics of Life Reviews, 5 (4): pp. 207-224
  49. "Events and Conservativity: Clues towards Language Evolution" in M.C.

- Amoretti and N. Vassallo (eds), Knowledge, Language, and Interpretation. On the Philosophy of Donald Davidson, Ontos Verlag, Frankfurt.: pp. 81-106 (2008)
50. (with Roeland Hancock and Thomas Bever) "Language as ergonomic perfection" (commentary of Christiansen and Chater "Language as shaped by the brain") Behavioral and Brain Sciences Vol 31, pp. 530-531 (2008)
51. "What is language, that it may have evolved, and what is evolution, that it may apply to language" (Chapter 10 of) R. K. Larson, V. DePrez and H. Yamakido (eds) The Evolution of Human Language: Biolinguistic Perspectives. Cambridge University Press. Cambridge UK: pp. 148-162 (2009)
52. Vercelli, D. and M. Piattelli Palmarini (2009). "Language in an epigenetic framework" (Chapter 7). In Of Minds and Language: A Dialogue with Noam Chomsky in the Basque Country. (M. Piattelli.Palmarini, Uriagereka, J. and Salaburu, P., Eds.) Oxford, UK, Oxford University Press: pp. 97-107.
53. "Introduccion". Hizkuntza eta ikastea. Piageten eta Chomskyren arteko eztabaida. Bilbao, Klasikoak. "Introduccion (Introduction)", to the Basque translation of the volume "Language and Learning" (2009)
54. Fodor, J. and M. Piattelli-Palmarini (2010). "Survival of the fittest theory: Darwinism's limits" New Scientist Magazine (2746 (06 February)): pp. 28-31.
55. Piattelli Palmarini, M. (2010). "Verso una fisica della mente (Lectio Magistralis)." Atti delle Inaugurazioni degli Anni Accademici dell'Università di Verona - Anno 2009-2010: pp. 39-75.
56. Piattelli-Palmarini, M. (2010). "It is now blasphemy to criticise Darwin." The Spiked Review of Books Friday 26 March. A pointed (spiked) reply to some earlier critics of "What Darwin Got Wrong"
57. Piattelli-Palmarini, M. (2010). Ostracism without natural selection (An interview with Suzan Mazur). *The Altenberg 16: An Exposé of the Evolution Industry*. S. Mazur. Berkeley, CA, North Atlantic Books: pp. 314-332
58. Piattelli-Palmarini, M. (2010). Prefazione alla ristampa del "Sidereus Nuncius" di Galileo Galilei. Sidereus Nuncius (Galileo Galilei). A. Battistini (Ed.). Milano (Italy), Edizioni de "Il Corriere della Sera" RCS. Preface to the reprint of the great classic by Galileo Galilei "Sidereus Nuncius"
59. Di Sciullo, A. M., M. Piattelli-Palmarini, K. Wexler, R. C. Berwick, C. Boeckx, L. Jenkins, J. Uriagereka, K. Stromswold, L. L. S. Cheng, H. Harley, A. Wedel, J. McGilvray, E. van Gelderen and T. G. Bever (2010). "The biological nature of human language." Biolinguistics 4(1): 04-034. Many co-authors, from different Universities. A kind of manifesto for biolinguistics, which has been in the making for a long time.



60. Piattelli-Palmarini, M. (2010). L'Illusione di Sapere. *Enciclopedia Italiana XXI Secolo "Mente e Corpo"*. T. Gregory (Ed.). Roma (Italy), Istituto della Enciclopedia Italiana: pp. 133-140.
61. Piattelli-Palmarini, M. (2010). "What is language, that it may have evolved, and what is evolution, that it may apply to language?" In *The Evolution of Human Language: Biolinguistic Perspectives*. R. K. Larson, Deprez, V. and Yamakido, H., Eds. Cambridge, UK, Cambridge University Press: pp. 148-162.
62. Piattelli Palmarini, M. and J. Uriagereka (2011). A geneticist's dream, a linguist's nightmare: The case of FOXP2. *The Biolinguistic Enterprise: New Perspectives on the Evolution and Nature of the Human Language Faculty*. Di Sciullo, A. M. and C. Boeckx, (Eds). Oxford UK, Oxford University Press: pp. 100-125.
63. Piattelli-Palmarini, M. (2011) "Darwinismo, Streghe e MacDonald." *Scienza in Rete 12*. "Darwinismo, streghe e MacDonald". A pointed rebuttal of critiques to my book with Fodor in a quite popular Italian electronic journal on science.
64. R. C. Berwick, Chomsky, N., & Piattelli-Palmarini, M. (2012). "Poverty of the Stimulus Stands: Why Recent Challenges Fail". In M. Piattelli-Palmarini & Berwick, R. C. (Eds.), *Rich Languages from Poor Inputs* (pp. 19-42). Oxford, UK: Oxford University Press.
65. "Steps towards the physics of language" (with David Medeiros) Kyoto Conference on Biolinguistics. Keynote address to the Kyoto Conference on Biolinguistics (University of Kyoto, March 2012), to be published in the Proceedings.
66. "Three models (and a half) for the description of language evolution" Kyoto University. Keynote address to the joint session Evolang 9, University of Kyoto (March 2012) to be published in the Proceedings.
67. M. Piattelli Palmarini. (in press for 2013). "On abstraction and language universals". In M. Sanz, Laka, I. & Tanenhaus, M. (Eds.), *Language Down The Garden Path: The Cognitive And Biological Basis for Linguistic Structures*. Oxford UK: Oxford University Press.
68. M. Piattelli-Palmarini. (in press for 2013). "Biolinguistics yesterday, today, and tomorrow". In C. Boeckx & Grohmann, K. K. (Eds.), *The Cambridge Handbook of Biolinguistics* (pp. 12-21). Cambridge UK and New York: Cambridge University Press.

#### **V.5. Book reviews (selection):**

1. "The quest for animal language", Review of *The Clever Hans Phenomenon: Communication with Horses, Whales, Apes and People* (T. Sebeok and R. Rosenthal Eds.), *Trends in Neurosciences*, (June issue), pp. 213-214 (1982).
2. "The new measure of man", Review of M. Konner, *The Tangled Wing*, *The Times Literary Supplement*, February 18 (1983).
3. "The parliament of mind", Review of J. Fodor, *The Modularity of Mind*, *The Times Literary Supplement*, December 2 (1983).

4. "The substance is one". Review of N. Malcolm and D. Armstrong, Consciousness and Causality: A debate on the nature of mind, The Times Literary Supplement, January 11 (1985).
5. "(Chain) Reacting to Biogenetic Breakthroughs", Review of several books on bioengineering, Bostonia, November/December (1989).
6. "Against whom the weapons of the night are blunted" Review of The Periodic Table, by Primo Levi, Bostonia, Fall issue (3): pp. 22.25 (1991).
7. "Whishful thinking?", review of D. Döner The Logic of Failure: Why Things Go Wrong and What We Can Do to Make Them Right, Nature, 382, p. 505, August 8th (1996).
8. "Evolution in mind", review of Henry Plotkin's book by the same title, Nature, 391, pp. 138-139, January 8 (1998)
9. "The Universal Structure of Babbling", review of Benedicte De Boysson.Bardies's How Language Comes to Children, Nature, 400, pp. 829-830, August 26 (1999).
10. "Tower of Babel", Review of Daniel Nettle's Linguistic Diversity, Trends in Ecology and Evolution, 15 (4), pp. 173-174, April (2000).
11. Review of Fiona Cowie What's Within? Nativism Reconsidered, in Trends in Cognitive Science, 4, p. 290, July (2000).
12. "Speaking in too many tongues", Review of Philip Lieberman's Human Language and our Reptilian Brain: The Subcortical Bases of Speech, Syntax and Thought, Nature, 408, pp. 403.404, November 23 (2000).
13. "Speaking of learning: How do we acquire our marvelous facility for expressing ourselves in words?" Review of Pathways to Language: From Fetus to Adolescent by Kyra Karmiloff and Annette Karmiloff-Smith, Nature, 411, 21 June, pp. 887-888 (2001)
14. "Novel tools at the service of old ideas" (Commentary on the book Evolution in Four Dimensions MIT Press. 2005, by Eva Jablonka and Marion J. Lamb) Biolinguistics 2.2 (3) pp. 236-245 (2008)

#### **VI Courses taught at the University of Arizona:**

- Fall 1999 Graduate course on Rationality and Cognition (PSYCH 596 F).
- Fall 2000 Undergraduate course INDV 101 Section 003 (honors Section) The Nature of Mind and Behavior
- Fall 2000 (in a team) Graduate course LING 600 001 Explorations into the History of Generative Grammar
- Spring 2000, First.Year undergraduate colloquium The Nature of our Mind (UNVR195A)
- Spring 2000, Coordinator and teacher (in a team) of the graduate course Linguistic Theory: Concepts, Problems and Controversies (LING/PSY 696 F)
- Spring 2001 Graduate course on Rationality and Cognition (PSYCH 596 F). -
- Spring 2001, First.Year undergraduate colloquium The Nature of our Mind (UNVR 195 A)
- Spring 2001, Coordinator and teacher (in a team) of the graduate course

- Linguistic Theory: Concepts, Problems and Controversies (LING/PSY 696 F)
- Fall 2001 Graduate course on Rationality and Cognition (PSYCH 596 F).
  - Fall 2001, Coordinator and teacher (in a team) of the graduate course Linguistic Theory: Concepts, Problems and Controversies (LING/PSY 696 F)
  - Spring 2002, Co.teacher (with Prof. Heidi Harley) of the graduate course Lexical Semantics: Linguistic and Philosophical Viewpoints (LING 522 F)
  - Spring 2002, Undergraduate course Introduction to Cognitive Science (INDV 101) (Honors section)
  - Fall 2002, Team, Master Seminar on The Foundations of Linguistic Theories, (PSYC/LING/PHIL 696E)
  - Fall 2002, (with Prof. Thomas G. Bever) graduate course Biological Foundations of Language (PSYC/LING 496F/596F)
  - Spring 2003, Undergraduate course Introduction to Cognitive Science (INDV 101) (Honors section)
  - Spring 2003 Team, Master Seminar on Evolution Evolving (PSYC 596 F with multiple cross.listing in genetics and in evolutionary biology)
  - Fall 2003, On leave (at MIT, Department of Linguistics and Philosophy, see below for a graduate course taught there)
  - Spring 2004, Undergraduate course Introduction to Cognitive Science (INDV 101) (Honors section)
  - Spring 2004, Team, Master Seminar on The Genetics of Complex Traits, Gene/Environment Interactions (PSYC 596 F with multiple cross-listings in genetics and in evolutionary biology)
  - Spring 2004 (with Prof. Heidi Harley) graduate course Compositionality and the Semantics of Natural Language (LING/PHIL 596D)
  - Fall 2004 Team, Master Seminar on The Foundations of Cognitive Science (LING/PSYC/PHIL 696E)
  - Fall 2004 Graduate and senior undergraduate course On induction: Cognitive and Philosophical Aspects (PSYC 496F/596F)
  - Spring 2005 Introduction to Language: Language, Mind and Brain (First-year plenary course INDV 101, also personally taught Section 58h – Honors Section)
  - Spring 2005, (With Prof. Terry Connolly, Dept. of Management and Policy), Master Seminar on the Foundations of Judgment and Decision.Making (PSYC 596 F, with multiple cross-listing in Philosophy and in Management and Policy)
  - Fall 2005, Graduate and senior undergraduate course Rationality and Cognition: Probabilistic Illusions and Choice over Time (PSYC 496F/595F)
  - Fall 2005, Coordinator of the Master Seminar on The Foundations of Cognitive Science (LING/PSYC/PHIL 696 E)
  - Spring 2006, First year undergraduate course Introduction to Language:

- Language, Mind and Brain (First-year plenary course INDV 101, 422 students enrolled. Also taught Section 9 – Honors Section)
- Spring 2006, (With Prof. Andrew Wedel) graduate course The Biological Foundations of Language and Cognition (LING/PSYCH/PHIL 696E)
  - Fall 2006 and Spring 2007, On sabbatical (see below for courses taught at the University of Maryland and at Harvard)
  - Fall 2007, (team) coordinator of and teacher in the Graduate course Master Seminar on the Foundations of Cognitive Science (LING/PSYCH/PHIL 696E)
  - Fall 2007, Graduate and senior undergraduate course Biological foundations of language (PSYCH 496F/596F)
  - Spring 2008 Undergraduate course (honor course) An Introduction to Cognitive Science (PSYCH 423H)
  - Spring 2008, Graduate course “New approaches to evolution” (LING/PSYCH 696 F)
  - Fall 2008, (in a team) coordinator of and speaker in the Graduate course Master Seminar on the Foundations of Cognitive Science (COGS/LING/PSYCH/PHIL 696E)
  - Fall 2008, (with Heidi Harley and Andrew Carnie) Graduate course Topics in Linguistics and Philosophy (merging LING 596D and LING/PHIL 696A)
  - Spring 2009, Undergraduate course (honors course) “An Introduction to Cognitive Science” (PSYCH 424H)
  - Spring 2009, Senior undergraduate and graduate course “Issues in the biology of language” (PSYCH/LING 496F/596F)
  - Fall 2009, Undergraduate course (honors course) “An Introduction to Cognitive Science” (PSYCH 424H)
  - Fall 2009, First activation of a new senior undergraduate and graduate Course, proposed by me: (LING/PSYCH/PHIL 449A/549A) “Biolinguistics”

Comment: I have been on unpaid leave of absence for the Spring Term of 2010. I have taught full courses (undergraduate and graduate) in Venice and Milan (Italy) and Barcelona (Spain) (see below)

- Fall 2010 Graduate and senior undergraduate course Master Seminar “The theory of natural selection, issues and controversies” Organizer and lecturer (COGS/PSY/LING/PHIL 696E)
- Fall 2010 Graduate course (with Heidi Harley and Andrew Barss) “Limits of compositionality” (COGS/PSYC/LING/PHIL 696E - LING/PHIL 596D)
- Spring 2011 senior undergraduate and graduate Course “Biolinguistics” (LING/PSYCH/PHIL 449A/549A)
- Spring 2011 Undergraduate course “Judgment and decision making” (PSY 333)
- Fall 2011 Linguistic Colloquium (organizer and speaker) (LING498H/598H)
- Fall 2011 Master Seminar “Evolution of brain and mind” (organizer and lecturer) (COGS/PSY/LING/PHIL 696E)

- Fall 2011 Meaning in language and society (LING/PHIL 211)
- Spring 2012 Judgment and decision making (PSY 333)
- Spring 2012 senior undergraduate and graduate Course “Biolinguistics” (LING/PSYCH/PHIL 449A/549A)
- Fall 2012 Master Seminar on the Foundations of Judgment and decision making (Lecturer and co-organizer, with Prof. Terry Connolly, Department of Management and Organizations) (COGS/PSY/MGMT/LAW/LING/PHIL 696E)
- Fall 2012 Meaning in language and society (LING/PHIL 211)
- Fall 2012 Linguistic Colloquium (organizer) (LING498H/598H)

### **VII – Full semester courses taught in other universities**

- From 1973 to 1979 Lecturer (Chargé de cours) of the graduate course Theory of Self-Organizing Systems, École des Hautes Etudes en Sciences Sociales (Paris. Sorbonne).
- 1988 and 1989 (Spring sem.) (with Prof. Stephen Jay Gould) graduate course n. 212, on Evolution and Cognition, Department of the History of Science, Harvard University.
- 1992 (Fall sem.) Graduate course on Rationality and Cognition (830/1635), Department of Psychology, Rutgers University, New Brunswick, NJ.
- 1993 (Spring sem.) Undergraduate course n. 9.66 on Rationality and Cognition, Dept. of Brain and Cognitive Sciences, MIT (Cambridge, MA)
- Fall 1995 to the Fall 2001 Graduate course The Mind: A User’s Guide, Duxx (formerly Integer), Graduate School of Business Leadership, Garza Garcia (Monterrey), Mexico.
- 1997 and 1998 (Spring sem.) Introduzione alle Scienze Cognitive, Dipartimento di Scienze della Comunicazione, The State University of Bologna (Italy).
- 1997 and 1998 (Spring sem.) Post.doctoral course Metodi e tecniche quantitative in psicologia clinica, Scuola di Specializzazione in Psicologia Clinica, Facoltà di Medicina e Chirurgia, The State University of Milan (Italy).
- 1997 (Fall sem.) Psicologia Cognitiva (with Prof. Paolo Legrenzi) Facolta’ di Psicologia, Università Vita Salute San Raffaele, Milan (Italy).
- 1998 (Fall sem.) Psicoeconomia, Facolta’ di Psicologia Università Vita.Salute San Raffaele, Milan.
- 1998 and 1999 (Spring semester) Psicologia Cognitiva, Facolta’ di Psicologia Università Vita.Salute San Raffaele, Milan.
- 2003 (Fall sem.) Issues in the Biology of Language, Department of Linguistics and Philosophy, MIT (graduate and senior undergraduate course n. E51.393)
- 2006 (Fall sem.) Seminar in Language and Biology, Department of Linguistics, University of Maryland, College Park (graduate course LING 889A).

2007 (Spring sem.) Biolinguistics, Department of Linguistics, Harvard University (graduate and senior undergraduate course LING 188R)  
May, 2009: "Re-thinking evolution" Università San Raffaele, Milan (Italy). Full intensive course (30 hours). Course for senior undergraduates in the "Corso di Perfezionamento in Filosofia". 30 hours of teaching, then final papers correction and grading. Facoltà di Filosofia, Università San Raffaele, May-June 2009

2010 (Spring Semester)

- (1) Full semester senior undergraduate course (40 hours) "Introduction to Cognitive Science" at the Department of Architecture (Section on Design) of the University of Venice (Italy).
- (2) Graduate course (16 hours) in the Department of Linguistics Graduate School, also in the University of Venice.
- (3) Senior undergraduate course (15 hours) on "What Darwin Got Wrong", at the San Raffaele University in Milan (Department of Philosophy).
- (4) An introduction to biolinguistics (12 hours) to graduate students in linguistics at the Universidad Autonoma de Barcelona (Spain)

**VIII Institutions where short courses, lectures, conferences and seminars were given** (in chronological order - selection)

Trinity College, Oxford, England; Académie des Sciences Morales et Politiques, Paris; Laboratoire de Neuropsychologie Expérimentale, INSERM, Bron, at Université de Lyon, France; European Molecular Biology Organization, Pavia, Italy; Département d'Ergonomie et Ecologie, Université de Paris, France; Scuola Normale Superiore, Pisa, Italy; McGill University, Department of Psychology, Montreal, Canada; Department of Experimental and Applied Psychobiology, University of Geneva, Switzerland; Department of Philosophy, Rutgers University, New Brunswick NJ; Polytechnic of Zurich/Italian Institute of Zurich, Zurich, Switzerland; Center for the Neurobiology of Learning and Memory, University of California, Irvine, CA; Department of the History of Science, Harvard University, Cambridge, MA; Department of Brain and Cognitive Science, MIT, Cambridge, MA; Department of Linguistics and Department of Philosophy, University of Maryland, College Park, MD; Department of Psychology, University of Rochester, Rochester, NY; Boston Colloquia for the Philosophy of Science, Boston University, Boston, MA; Department of Cognitive Science, Brown University, Providence, RI; University Professors Program, Boston University, Boston, MA; Department of Linguistics, University of Massachusetts at Amherst, Amherst, MA; International Center for Theoretical Physics, Trieste, Italy; Department of Psychology, University of Pennsylvania, Philadelphia, PA; Department of Philosophy, George Washington University, Saint Louis, Missouri; Società Italiana di Psicologia, XIII Convegno Nazionale Divisione Ricerca di Base, Padua, Italy (keynote speech); Department of Economics, University of Trento, Italy; Collegio Sant'Anna di Pisa, Italy; Società Italiana di Terapia Comportamentale e Cognitiva, Lugano, Switzerland; Accademia Nazionale dei Lincei, Rome, Italy; Third Meeting of

Studies in Generative Grammar, Universidade Federal do Rio de Janeiro, Brazil (a course in 5 lectures); Institut des Sciences Cognitives (CNRS), Lyon (France); Centre de Recherches en Epistémologie Appliquée, Ecole Polytechnique, Paris; French National Convention of Cognitive Science Research (Projects funded by the CNRS over 5 years), Chinagora (Paris); (Conclusive "wrap.up" invited speech); Scuola Normale Superiore, Pisa (Italy); Centre Jean Nicod, Paris (France); University of Amsterdam (Holland), A cycle of 5 lectures on "Biological Foundations of Language" taught as part of the Summer School "The Language of Thought" (June 2006); Seoul National University (Seoul, Korea); International Science Festival, Genova (Italy); City University of New York, Graduate Center, New York, NY. ; Department of Psychology, Harvard University; Department of Applied Linguistics, Arizona State University; Department of Linguistics, School of Doctorate, Venezia (Italy).

**IX Lectures and short courses given in managerial-industrial organizations:**

Gruppo Ambrosetti, Milan, Italy;  
Gruppo Ambrosetti, Fabriano, Italy;  
Gruppo Ambrosetti, Rome, Italy;  
Observatoire Cidil, Paris, France;  
IBM, Novedrate, Italy;  
Glaxo Management School, Rome, Italy;  
Olivetti School for Managers, Ivrea, Italy;  
Young Presidents Organization, annual meeting 1995 (Florence, Italy);  
Associazione Italiana Fulbright, Camera di Commercio, Milan, Italy;  
Istituto Dalle Molle per l'Intelligenza Artificiale, Lugano, Switzerland;  
Graduate School of Business Leadership, Monterrey, Mexico;  
Air Liquide, Grandes Industries, Bruges, Belgium.

**X Scholarly Presentations** (selection, chronological starting 2009)

March, 2009: "On the evolution of cognition and symbolic thought" (Professional Organization) Location: Salon Spirit of the Senses (Phoenix, AZ).  
Conference/Lecture to a professional organization. This organization regularly invites academic speakers and professionals for evening lectures and discussion. It convenes architects, lawyers, teachers and business executives.

June, 2009: "What Darwin Got Wrong" (Academic Conference) Location: University of Siena (Italy). Title of my presentation "What Darwin Got Wrong", title of the international, interdisciplinary conference: "Mind and Culture: Joint Workshop Rutgers University – Siena University".

June 22-24, 2009: "Embodiments of Language" (Academic Conference) [with: Co-organizers Juan Uriagereka and Giuseppe Vitiello] Location: Institute for

Scientific Interchange Foundation (Turin, Italy). Co-organizer and author of a presentation. International, interdisciplinary conference "At the roots of Complexity: The emergence of structures in Matter, Brain, Life, Language" Torino, ISI, Villa Gualino. It gathered physicists, biologists, linguists and cognitive scientists.

September 2009: "What Darwin Got Wrong" (Professional Organization) Location: Salon Spirit of the Senses. Second (for 2009) lecture to the Phoenix (AZ) organization "Salon Spirit of the Senses". See above for a description.

December, 2009: "Off with Darwinian counters to the Poverty of the Stimulus" Location: MIT. Conference "Rich Languages from Poor Inputs. Interdisciplinary. Countering some 30 years of Darwinian objections to specific language innatism and the poverty of the stimulus argument

Jan 2010: "Verso una fisica della mente (Towards a physics of the mind)" (Invited/Plenary Speaker) Location: Università di Verona (Italy). Conference Inauguration of the Academic Year. Invited. Keynote speaker (in robe and cap) at the formal inauguration of the academic year, in the presence of the Rector, all Professors and the civil and military Authorities. Locally broadcast by a television station. Text and slides published in the proceedings (see above)

Jan 2010: "Traps of the mind: how to decide better" (Professional Organization) Location: Hotel Villa Pace, Preganziol (near Vicenza). Conference. The European House Ambrosetti Workshops. Sole speaker in a course in Italian, for Italian managers (36 of them), a full day (3 hours in the morning and 2 in the afternoon), on cognitive illusions and decision making.

Mar 2010: "Deep Abstracts in Language: Fibonacci patterns" (University) Location: University of Verona, Graduate School in Humanistic Studies. Conference Plenary lecture, in English. Especially addressed to graduate students in the humanities (my hosts were Proff. Giorgio Graffi and Alessandra Tomaselli)

Mar 2010: "Origins of language" (University) Location: University of Verona, Graduate School in Humanistic Studies (Second lecture). Conference Graduate Seminars Series. Second lecture (in English) in the Scuola di Dottorato in Studi Umanistici. This lecture addressed to students with a wider range of backgrounds (including biology)

Mar 2010: "Why language cannot be an adaptation" (University) Location: Università di Trento / Rovereto. Conference Dipartimento di Scienze Cognitive. Conference (in English) at the Center for Mind and Brain and Department of Cognitive Science, in Rovereto

Mar 2010: "Perverse scientific communication: how science turns into a secular religion. The case of Darwinism" (Academic Conference) Location:



University of Venice (Italy). Conference International Workshop on Graphic Aids to Decision Making. Invited. A workshop in which experts on decision making from Italy, France, England and the US participated

Mar 2010: "Re-thinking evolution" (Academic Conference/Workshop) Location: Venice (Italy). Conference INTEGRAMM Spring School. A lecture at an international intensive (one week) advanced school for European geneticists and molecular biologists

Apr 2010: "Deep abstracts invariants of language" (University) Location: University of Venice. Conference. Research Seminars of the Graduate School in Linguistics. One of the weekly research seminars for graduate students and post-docs (in English)

Apr 2010: "Gli errori di Darwin" (University) Location: University Library (Trieste). Conference Presentation of the book with Jerry Fodor. Invited. Presentation of the Italian version of my book with Jerry Fodor to academics, students and a general public.

Apr 2010: "Gli errori di Darwin" (University) Location: University of Venice (Italy). Conference Round table on evolution. Invited. Presentation of the Italian version of my book with Jerry Fodor, followed by a round table with Alessandro Minelli (Evo-Devo specialist, University of Padua) and Paolo Garbolino (philosopher of science, University of Venice)

May 2010: "Gli errori di Darwin" Location: Libreria Feltrinelli (Milan, Italy). Conference. Book Forum. Presentation of the Italian version of my book with Jerry Fodor, at the central bookshop of the publisher (Feltrinelli) followed by a round table with Riccardo Chiaberge (science journalist), Marco Santambrogio (philosopher, University of Parma) and Telmo Pievani (historian of biology, University of Milan)

May 2010: "Language design and evolution in a new perspective" (Academic Conference/Workshop) Location: University of Montreal (Canada). Conference International Biolinguistics Workshop. Paper presented at the international workshop "The Language Design", University of Montreal

Jun 2010: "Towards a physics of the mind" (Academic Conference/Workshop) Location: Medical Faculty, Autonomous University of Barcelona (Spain). Conference Workshop of the Center of Cognitive Science and Language. Paper presented (in English) at the workshop on the present and the future of cognitive science

Jun 2010: "Language evolution in a new perspective" (Academic Conference) Location: University of the Basque Country (Spain). Conference: "Understanding Language: 40 Years into the Garden Path". Paper presented at the international conference on language (in honor of Thomas Bever)

Oct 2010: "Language and thought" (Professional Organization) Location: Barrow Neurological Institute, Phoenix. Conference Salon Spirit of the Senses. My fifth talk (in 3 years, see above) to a cultural association of professionals (lawyers, physicians, architects, engineers etc.)

Nov 2010: "Comprehension, production and linearization in a new evolutionary perspective" (University) Location: Arizona State University (Tempe). Conference Applied Linguistics Speaker Series. Invited. My host was Prof. Jeff MacSwan (ASU Linguistics)

May 2011: "Il Linguaggio" (University) Location: University of Milan, Department of Physiology. Conference Lecture in the College of Medicine. A general introduction to language for clinicians and physiologists

May 2011: "La Mente e le Emozioni" (Panel Discussant (Reporting Research))[with: Edoardo Boncinelli and Alberto Oliverio] Location: Fondazione del Corriere della Sera. Round Table. Participant in the panel. Boncinelli is Professor of Genetics, San Raffaele University, Milan and Oliverio is Professor of Psychology, University of Rome. A round table on emotions and cognition, for a large public, broadcast live on the local radio station.

Oct 2011: "Poverty of the stimulus stands: why recent challenges fail" (Academic Conference/Workshop) Location: Arizona State University (Tempe). Conference Joint conference on linguistics ASU/UofA. Presentation at the joint annual conference on linguistics ASU/UofA

Dec 2011: "Abstract Language Universals" (Academic Conference/Workshop) Location: University of Arizona. Conference Psychology Conclave ASU/UofA. Presentation at the Psychology ASU/UofA Conclave (organized by Lynn Nadel).

May 2012: "Science and politics in Italy: a difficult relationship" Istituto Italiano di Cultura, Los Angeles. Inaugural event of the series of conferences and the exhibit on Italian Science for the month of May 2012.

May 2012 "Poverty of the stimulus revisited: recent challenges reconsidered" First Lecture in the graduate school of linguistics of the University of Venice (Italy)

May 2012 "Steps towards the physics of language" Second Lecture in the graduate school of linguistics of the University of Venice (Italy)

May 2012 "Come decidere meglio" (how to decide better) Locality: Hotel Savoia, Bologna (Italy) Ambrosetti European House. A full day presentation to Italian managers and CEOs (115 of them).

June 2012 "Verso una nuova scienza del cervello" (Towards a new science of the brain), public conference in the inaugural session of the Science Festival "Poiesis",

Fabriano (Italy) (other speakers Prof. Giuseppe Vitiello, Department of Physics, University of Salerno, and Anirban Bandjiopadyiai, Physicist, National Institute for Materials Science, Tsukuba, Japan)

September 2012 Cognitive Science Round Table "Possible advances in the collaboration between linguists, cognitive neuroscientists and geneticists." Organizer, chair and introducer. Speakers Profs. Jane Hill and Steven Zegura (Department of Anthropology)

### **XI Grant and Contracts**

2009: "Workshop in Honor of Carol Chomsky" Type: Conference Grants. Co Investigators: Massimo Piattelli-Palmarini and Robert C Berwick (MIT). Funding Source: Federal Government (\$ 20,000) Awarding Institution: National Science Foundation. Status: Awarded. Workshop completed on December 12 2009. NSF Grant BCS-0951620. Interdisciplinary. Complementary funds given by the Department of Linguistics and Philosophy of MIT, Oxford University Press, and my own research funds at the Cognitive Science Program of this University. In fact the Program appeared officially as a co-sponsor for the workshop website at MIT.

### **XII Research Recognition and Fellowships**

Lezione inaugurale Anno Accademico 2010 (University of Verona (Italy)). I owe this award to the good offices of my linguist friends and colleagues Alessandra Tomaselli and Giorgio Graffi (both professors of linguistics in the University of Verona) and of Giovanni Berlucchi, professor of neuroscience. The lecture was recorded and broadcast by the local TV station. Along with the highly formal ceremony of inauguration and my lecture (50 minutes), I was awarded a honorific medal and a parchment (pergamena). The Rettore of the University of Verona was my principal host, but also the Rectors of the Universities of Padova, Venezia and Udine were present. Needless to say, my affiliation with the University of Arizona was several times formally acknowledged. Besides the whole of the Verona academic body in caps and gowns, the local authorities were in attendance (Mayor, Prefect, Commander in chief of the Verona Army Garrison and the General of Verona Carabinieri ).

### **XIII Other Research Activities**

2009 Member of the Scientific Committee and the Advisory Board of the international interdisciplinary research and teaching project: "Major Collaborative Research Initiatives Program: "Human language, asymmetry and in nature and computation." Universite' du Quebec a' Montreal. Principal investigator Prof. Anna-Maria Di Sciullo

Member of the jury for the annual Fernando Gil Prize, presided by José Mariano Gago, Minister of Science, Technology and Higher Education, Portugal.

Member of the scientific committee of the conference "Human Nature, Artificial Nature" University of Genova Italy, held in Genova December 3-4 2009

2010 I have organized a bi-weekly reading group in the biology of language, bringing together colleagues (Tom Bever) and graduate students (Deniz Tat and Roeland Hancock) in Linguistics with colleagues and graduate students in Speech, Language and Hearing (notably Andrew Lotto, Pelagie Beeson, Thomas Christensen, Diane Patterson and Steven Wilson). The aim of this group is to evaluate methods of brain imaging in the domain of language, and collect and organize somehow the huge literature on the topic. This group will have a critical eye on the excess of importance given to brain studies with respect to behavioral (cognitive) studies. This initiative continued into the Spring 2011 and to the present day.

2011 Ongoing, long term, exploration of "third factor" components of language design. Collaboration with David Medeiros (UofA), Juan Uriagereka (University of Maryland), Douglas Saddy (University of Reading-UK), Emilio del Giudice (University of Milan) and Giuseppe Vitiello (University of Salerno).

#### **XIV Other Teaching Activities**

Guest lectures at the University of Arizona (starting 2009):

September, 2009: "What Darwin Got Wrong" Course PHCL 195c . Guest Lecture in this course, main instructor Prof. Mailyn Halonen. An outline of the arguments and data of the (then) forthcoming book with Jerry Fodor (see above)

September, 2009: "On Fodor theory of concepts" LING 564 "Formal Semantics" . Guest Lecturer in the graduate course of Andrew Barss.

December, 2009: "Introduction to bio-linguistics" LING 403/503 Foundations of Syntactic Theory. Three guest lectures on the essentials of bio-linguistics in the course taught by Heidi Harley, Andrew Carnie and Andrew Barss.

February 11 2011: "Judgment and Decision Making and some Neuroeconomics" Lecture in Lynn Nadel's course PSYC 506B:*Foundations of Cognitive Psychology*,

March 24th. 2011 "The conservativity of determiners: why should we care?" Datablitz of the Linguistics Department

March 31st 2011 "Language as a complex trait (and Language Pathologies as Complex Diseases)" Lecture in Donata Vercelli's course CBA/MCB/GENE/IMB/PCOL 595H *Biology of Complex Diseases*,

April 1st., 2011 Lecture in Matthias Meehl Honors Pro-seminar PSY 396H "Deep abstract universals in language"

September 8 2011: "Poverty of the Stimulus" in Shaun Nichols course COGS 517: *Introduction to cognitive science* "Poverty of the Stimulus (POS) and a reply to the critics".

September 9, 2011: Department of Linguistics, Lecture in Thomas Bever's course LING 532 *Psycholinguistics* "Deep abstract Universals in language"

December, 2011: Two lectures in Simin Karimi's course LING 403/503 *Foundations of Syntactic Theory* (1) "Why there has to be a biology of language" December 1st 2011; (2) "Language and the Brain" December 6, 2011

### **XV Science Journalism**

From 1995 to the present, regular contributor to the daily *Il Corriere della Sera* (Milan, Italy) (an average of 20 articles a year, often printed on the front page). Previously: regular contributor to the daily *La Repubblica* (Rome, Italy), and *La Stampa* (Turin, Italy)