

Wednesday, April 5th

9:00-17:00 Pre-conference Satellite meeting on « Cultural Evolution by Cultural Attraction: Empirical Issues »

17:00 Registration for main conference opens

18:00 – 19 :00 Plenary Lecture 1 (Jean Jaurès)

Dan Sperber, *An evolutionary approach to human reason*

19:00 Welcome reception

Thursday, April 6th

09:00 – 10:00 Plenary Lecture 2 (Jean Jaurès)

Melissa Bateson, *Obese humans and fat birds: a possible role for developmental food insecurity?*

10:00 – 10:50 Session 1: Life History Theory (Jean Jaurès)

Gonzalez-Forero, M., Faulwasser, T., Lehmann, L. *A model for brain life history evolution*

Frankenhuis, W. *Cognitive Adaptations to Harsh Environments*

10:50 – 11:20 Coffee & tea

11:20 – 12:20 Speed session 2: Reproduction (Jean Jaurès)

Howard, J., Gibson, M. *Testing evolutionary explanations for female genital cutting: does it control female sexual behaviour or enhance paternity certainty?*

Hopcroft, R. *Is fertility after the demographic transition maladaptive?*

Bovet, J., Raiber, E., Ren, W., Wang, C., Seabright, P. *Parent-offspring conflict over mate choice : An experimental investigation in China*

Myers, S., Page, A., Dyble, M., Migliano, A. *Why so many Agta boys? Extreme sex ratios in Philippine Foragers: A test of evolutionary hypotheses*

Willführ, K., Johow, J., Volland, E. *Differential mortality of reproductive females by family-network composition: Family matters, indeed*

Hedges, S., Sear, R., Todd, J., Urassa, M., Lawson, D. *Are children more valuable at school or at home? Testing the assumptions underlying economic and evolutionary models of the demographic transition in rural Tanzania*

12:20 - 13:20 Lunch

+ Students' special lunch (Théodule Ribot & Assia Djébar)

hosted by 5 recipients of the EHBEA New Investigator Award: Alexandra Alvergne, Willem Frankenhuis, Urszula Marcinkowska, Olivier Morin, & Thom Scott-Philipps.

13:20 – 14:20 Parallel sessions 3A, 3B, 3C

Session 3A: Mating 1 (Théodule Ribot)

Pawlowski, B., Nowak, J., Borkowska, B. Augustyniak, D. Drulis-Kawa Z. *Man's body height and immune system quality*

Havlíček, J., Winternitz, J., Abbate, J., Huchard, E. Garamszegi, L. *Patterns of MHC-dependent mate selection in humans and non-human primates: a meta-analysis*

Hill, A., Cárdenas, R., Wheatley, J., Welling, L., Burriss, R., Claes, P., Apicella, C., McDaniel, M., Little, A., Shriver, M. Puts, D. *Communicating developmental stability: People with symmetrical faces have more attractive voices.*

Session 3B: Parenting (Jean Jaurès)

Page, A., Viguier, S., Dyble, M., Smith, D., Chaudhary, N., Thompson, J., Salali, G., Mace, R., Migliano, A. *Why care for someone else's child? Testing adaptive hypotheses in Agta foragers*

Berg, V., Lawson, D., Rotkirch, A. *Is early parenthood costly or advantageous? Availability of alloparents and reproductive timing in contemporary Finland*

Rickard, I., Courtiol, A., *Relationships between twinning and fertility: a case of ecological fallacy within individuals?*

Session 3C: Medicine (Paul Langevin)

Alvergne, A., Vljajic Wheeler, M., Hoggqvist Tabor, V. *Can premenstrual symptoms be used as a cue to an undiagnosed infection? Insights from digital health*

Zelaźniewicz, A., Nowak, J., Figura, R., Groyecka, A., Pawłowski B. *Disgust sensitivity and pharyngeal carriage of Staphylococcus aureus.*

Aarøe, L., Petersen M.B., Arceneaux K. *The Behavioral Immune System and Partisan Preferences: Individual Differences in Disgust Sensitivity Shape Support for Socially Conservative Parties.*

14:20 – 15:10 Session 4 (Jean Jaurès): Genomic

Theofanopoulou, C., Messner, A., O'rourke, T., Gastaldon, S., Martins, P., Alamri, S., Samuels, B., Boeckx, C. *Paleogenomic evidence for self-domestication in Homo sapiens*

David Hill, W., Arslan, R., Xia, C., Luciano, M., Amador, C., Navarro, P., Hayward, C., Nagy, R., Porteous, D., McIntosh, A., Deary, I., Haley, C., Penke, L. *Contribution of rare genetic variants to intelligence and personality revealed by genomic analysis of family data*

15:10 – 15:40 Coffee & tea

15:40 – 16:40 Plenary Lecture 3 (Jean Jaurès)

Johannes Krause - *The genetic history of Europe: Migration and Adaptation in prehistory*

16:40 – 16:50 Break

16:50 – 18:20 Poster session 1 ^{*see list below}

18:30 Wine reception

20:00 Student event: free drinks and food

Chai Antoine
4, Rue des Canettes
75006 Paris



Friday, April 7th

9:00 Plenary Lecture 4 (Jean Jaurès)

Friederike Range, *The effect of domestication on cooperation*

10:00 – 10:50 Session 5: Animal social cognition (Jean Jaurès)

Jensen, K. *Working against unfairness – absence of disadvantageous inequity aversion in chimpanzees and bonobos*

De Las Heras, A., Sperber, D., Call, J. *Do chimpanzees and orangutans communicate in a cooperative task?*

10:50 – 11:20 Coffee & tea

11:20 – 12:20 Speed session 6: Social cognition, communication and cultural transmission (Jean Jaurès)

Molleman, L., Glowacki, L. *Subsistence styles shape human social learning strategies*

Mercier, H., Miton, H. *Evolutionarily valid cues to informational dependency*

Scanlon, L., Kendal, J., Tehrani, J., Lobb, A. *The cultural evolution of knot tying: an analysis of the cultural transmission of granny and reef knots*

Winters, J., Morin, O. *Emergence of optimal codes is contingent on the mode and function of communication*

Müller, T., Morisseau, T., Winters, J., Morin, O. *The Influence of Common Perceptual Context on the Evolution of Graphic Codes*

Lindova, J., Sedlova Malkova, G. *What do studies on grey parrots teach us about human verbal communication?*

12:20 - 13:20 Lunch at the Concordia

*Résidence Le Condordia
41 Rue Tournefort
75005 Paris*



13:20 – 14:20 Parallel sessions 7A, 7B, 7C

Session 7A: Mating 2 (Jean Jaurès)

Lyons, M., Jones, A., Cook, R., Lacey, J. *Women's preference for Dark Triad male faces in short and long-term relationships: The roles of childhood safety and material inequality*

Fortunato, L., Clauset, A. *Revisiting the effect of red on competition in humans*

Maestripieri, D. *Morningness / eveningness as a human life history trait*

Session 3B: Archaeology (Théodule Ribot)

Jarecki, J., Kellberg Nielsen, T., Riede, F., Bach, L., Johannsen, NN., Lombard, M. *Stone Age bow hunting as a robust strategy for human expansion: a computational model*

Kristian, T., Fusaroli, R., Heimann, K., Gonzalez, S., Lombard, M., Fay N., Johannsen, NN., Riede, F., Roepstorff, A. *Perceptual and symbolic adaptations in prehistoric symbolic behavior*

Kratschmer A., Lombard M. *Tracking strategies and hunting technology as beacons for the emergence of symbolic thinking*

Session 7C: Social Cognition and Cooperation (Paul Langevin)

Tan, J., *From Error Costs to Error Probability: Modeling Error Management in Social Decisions*

Ruth Mace, Matthew Thomas, Jiajia Wu, Qiaoqiao He, Ting Ji, Yi Tao *Tag-based reputation is associated with fitness costs and exclusion from cooperative networks*

Moffat-Knox, B-D. *It's nicer to be nice when it serves our prosocial reputation: a study of blood donor warm glow*

14:25 – 15:15 Session 8 (Jean Jaurès): Social cognition in the digital age

Morrison, E., Rich, J., Cox, J., Nguyen, T. *Crowdfunding: do looks matter?*

Davis, A., Mac Carron, P., Cohen, E. *Buffering effects of social cohesion and support during exercise*

15:15 – 15:45 Coffee & tea

15:45 – 16:45 Session 9 (Jean Jaurès): Social heuristics

Safra, L., Baumard, N., Chevallier, C. *Are people actually choosing a leader when asked to do so?*

Van Den Berg, P., Wenseleers, T. *Uncertainty about social interactions leads to the evolution of cooperative heuristics*

16:45 – 17:00 Break

17:00 – 18:30 Poster session 2*see list below

19:30 Conference dinner* (La Barge)

Quai François Mauriac
Port de la Gare
75013 Paris



Saturday, April 8th

9:00 Plenary Lecture 5 - Young Investigator Award (Jean Jaurès)

Urszula Marcinkowska - *La donna è mobile* (?). Digressions on hormones and women's sexual preferences and activity.

10:00 – 10:50 Session 10: Sexual coercion and polygyny (Jean Jaurès)

Alger, I. *How many wives do men want? On the evolution of polygyny rates*

Baniel, A., Cowlshaw, G., Huchard E. *Sexual coercion in a promiscuous primate society*

10:50 – 11:20 Coffee & tea

11:20 – 12:20 Speed Session 11: Culture

Morin, O., Miton, H. *A cultural attraction model predicts the frequency of heraldic shield types with precision*

Miu, E., Rendell, L. *The role of recombination in cumulative culture*

Duda, P., Minocher, R., Zrzavý, J. *Phylogenetic supertree of human populations as a tool for testing hypotheses about human ecological and cultural adaptations through cross-cultural comparison*

Watts, J., Sheehan, O., Bulbulia, J., Gray, R., Atkinson, Q. *Greater political hierarchy predicts faster conversion to Christianity*

Minocher R., Duda P., Jaeggi A. *Non-independence in the SCCS: polygyny and the effect of cultural history.*

Palomo-Vélez, G., Tybur, J., Van Vugt, M. *What information affects meat attitudes? Testing an evolutionarily derived intervention*

12:20 -13:20 Lunch

13:20 – 14:10 Session 12: The evolution of cooperation (Jean Jaurès)

Roberts, G. *Helping others can be an honest signal of cooperative strategy (rather than quality) in partner choice*

Međedović, J. *Interpersonal and affective psychopathy features can be adaptive in evolutionary context*

14:10 – 15:10 Plenary Lecture 6 (Jean Jaurès)

Rebecca Bliege-Bird - *Sharing as competitive aggrandizing or prosocial signal? Costly signaling in hunter gatherer social strategies*

15:10 – 15:30 Coffee & tea

15:30 EHBEA Annual General meeting (Jean Jaurès)

Poster session 1 (Thursday, April 6th)

1. Is parenthood status associated with relationship quality between siblings? Tanskanen Antti Olavi & Danielsbacka Mirkka
2. The Altruistic Bully: Effects of within-group rank heterogeneity on cooperation during competition. Hristov Hristo
3. The Influence of Rule Origins On Fostering Rule Abidance. Karabegovic Mia, Heintz Christophe
4. Can you smell the winner? The effect of winning and losing on human body odour. Fialová Jitka, Třebický Vít, Havlíček Jan
5. Prestige networks in the Royal Navy: the role of distributed informal networks in complementing status hierarchies. Offord Matt
6. Family matters, but why? A theoretical framework for understanding variation in kin influences on reproduction. Sear Rebecca, Moya Cristina
7. Does the menstrual cycle modulate how trustworthy a woman sounds? Klatt Wilhelm Konrad, Lobmaier Janek
8. Winter swimming: the social using of psycho-immunology capabilities. Dotsenko Eugene
9. How can you hurt if you can't feel? Emotional failures of the Dark Triad traits. Szabo Edit, Bereczkei Tamas
10. Reinventing the Wheel: Phylogenetic Analysis of Mythological Data Questions Established Dates for the Earliest Wheel Technologies. Foster Dugald, Tehrani Jamshid
11. Domestication of the human brain: linking cognitive evolution and disease. Benítez-Burraco Antonio
12. Sons may be bad for mother's health. New evidence for costs of reproduction in women. Galbarczyk Andrzej, Klimek Magdalena, Nenko Ilona, Jasienska Grazyna
13. A plea for a more stringent use of "mismatch". Stulp Gert, Barrett Louise
14. Strength is not related to men's relative facial width: Cross-cultural evidence. Trebicky Vít, Klusackova Tereza, Fialov Jitka, Kleisner Karel, Roberts S. Craig, Havlíček Jan
15. The role of sociosexuality and trust in singles' online dating behavior. Hallam Lara, De Backer Charlotte, Walrave Michel
16. Intrafamily and intragenomic conflicts in human warfare. Micheletti Alberto, Ruxton Graeme, Gardner Andy
17. Successful Joint-Action in professional Chinese rugby players: A buffer to the stresses of group exercise and a potential pathway to social bonding? Taylor Jacob
18. Reconstructing demographic and cultural history of human populations from genetic and linguistic polymorphism data in central Asia. Thouzeau Valentin, Mennecier Philippe, Verdu Paul, Austerlitz Frédéric
19. Familiarity with own population appearance influences face preferences. Batres Carlota, Kannan Mallini, Perrett David
20. Emotions and their perceptions in bonobos. Van Berlo Evy, Kret Mariska, Bionda Thomas
21. On the Plasticity of Human Mating Strategies: Long- and Short-Term Mating Preferences Change in Response to Evolutionarily Relevant Variables. Thomas Andrew, Stewart-Williams Steve
22. The Effects of Mental Culture on the Reduction of Self-Interested Behavior. Purzycki Benjamin

23. Young Males with Injured Brains: a detrimental outcome of sexual competition? Kocsor Ferenc, Tamas Viktoria, Gyuris Petra, Czeiter Endre, Kovacs Noemi, Doczi Tamas, Bóki Andras
24. Friends for dating: sociosexuality and gender predict group success and bonding in real-life friendship groups. Rotkirch Anna, Van Duijn Max, Laakasuo Michael
25. Birds of what feather do flock together? Assortative mating in different mate value factors in heterosexual and non-heterosexual samples. Csajbok Zsolia, Berkics Mihaly
26. Is sexual imprinting a mechanism for local adaptation? Richardson Thomas, Gilman Tucker
27. The dynamics of cooperation when interactions change the rules of the game. Stern Caitlin, Roepstorff Andreas
28. General or targeted outgroup prejudice? The role of temporary and chronic pathogen avoidance motivation. Ji Tingting, Tybur Joshua, Mark Van Vugt
29. Effects of embodied capital on delay discounting and the timing of life history strategies. Mell Hugo, André Jean-Baptiste, Geoffroy Félix, Baumard Nicolas
30. Shout of a champion: amplitude of the first harmonic frequency is associated with fighting success in Mixed Martial Arts fighters. Šebesta Pavel, Trebicky Vít, Fialova Jitka, Havlíek Jan
31. 3rd Party Kin Recognition. Fasolt Vanessa, Holzleitner Iris, Lee Anthony, O'shea Kieran, Jones Benedict, Debruine Lisa
32. Cooperation within and between groups in Southeast Alaska Natives. Barker Jessica, Veldhuis Djuke, Ferdinand Vanessa, Stern Caitlin
33. Does a common enemy unite rivals? Cooperation between subordinate out-groups in competition with superordinate out-groups. Kenny Adam
34. Further explorations on the effect of attractiveness on attention, memory and time perception. Silva Andre, Macedo Antonio, Albuquerque Pedro, Arantes
35. The Good Side of Bad Personality Traits: Why are socially undesirable personality traits signalled by the face? Jaye McLaughlin, Robert Ward
36. Mental health and costs of reproduction- poor mental health is associated with a larger number of children in both sexes. Lyons Minna, Warren Jasmine, Helle Samuli
37. Whither the face? Impact of Menopause on Facial Attractiveness. Lobmaier Janek, Kuster Andrina
38. Synchrony and Social Bonding in Virtual Reality. Cohen Emma, Tarr Bronwyn
39. The effects of social influence on the evolution of a binary decision preference and its association with continuously distributed opinions. Kendal Jeremy
40. Social and political environment affects gender preference. Juan Du
41. Mental imagery as a proximate explanation of the better remembering of living things over nonliving things. Gelin Margaux, Bonin Patrick, Bugajska Aurélia
42. Risk and the Sexual Division of Labor: Women's Selling Among the Shodagor of Bangladesh. Starkweather Kathrine
43. Evolutionary Psychology of Sickness and Healing. Steinkopf Leander
44. Human cooperation: observations and experiments on games in the wild. Munro-Faure Amy, Bell Matt

45. Evaluation of accents can be used to demonstrate social transmission biases. Samarasinghe Alarna, Berl Richard, Gavin Michael, Jordan Fiona
46. A drunk mind speaks a sober heart: Alcohol does not influence the selection of short-term partners with dark triad traits. Williams Charlotte, Lyons Minna, Christiansen Paul, Ingleby Beth, O'hagan Lauren, Dorozkinaite Diana
47. Evolutionary Perspectives on Social Connectivity and Mental Distress. Evison Patrick, Lyons Minna
48. Mate Preference Trade-offs a la carte vs. table d'hôte: Examining sex differences using Conjoint Analysis. Benjamin Jaime, Moore Fhionna
49. Deception undermines the stability of cooperation in games of indirect reciprocity. Szamad Szabolcs
50. Brazil's Football Soldiers. Newson Martha, Bortolini Tiago, Silva Silvio Ricardo da, Aquino Jefferson Nicássio Queiroga de, Buhrmester Michael, Whitehouse Harvey

Poster session 2 (Friday, April 7th)

1. Influences of clan and community identity on cooperative behaviour in Southeast Alaska Natives. Veldhuis Djuke, Barker Jessica, Stern Caitlin, Ferdinand Vanessa
2. The Price of Attractiveness: Sex Differences in Mate Attribute Trade-off Equivalencies. Benjamin Jaime, Moore Fhionna
3. The cross-cultural development of beliefs that cultural group identities are stable. Moya Cristina
4. Father absence but not fosterage predicts food insecurity, relative poverty and poor child health in northern Tanzania. Anushe Hassan, Schaffnit Susan, Ngadaya Esther, Ngowi Bernard, Mfinanga Sayoki, James Susan, Borgerhoff Mulder Monique, Lawson David
5. Social demography and the cultural evolution of art styles. Granito Carmen
6. A phylogenetic analysis of the evolution of descent and residence systems in Sino-Tibetan cultures. Ji Ting, Mace Ruth
7. Homogamy, imprinting-like effect and consistency of mate choice. Turecek Petr, Sterbova Zuzana
8. Income, Economic Inequality and Religiosity in the USA. Ford Kathryn, Price Michael
9. Comparing statistical analyses of the stereotype threat literature: implications for the development of behavioural research. Brand Charlotte, Ounsley James, Van Der Post Daniel, Morgan Thomas
10. Ecological predictors of female sexual suppression. Muggleton Naomi
11. Gendered products confer asymmetric benefits to the mate value of male and female consumers. Borau Sylvie, Bonnefon Jean-François
12. Environmental and cultural influences on the preferences for basic tastes. Sorokowska Agnieszka, Pellegrino Robert, Marczak Michalina, Niemczyk Agnieszka, Huanca Tomas, Sorokowski Piotr, Anna Oleszkiewicz
13. The structure of cooperation in reindeer herders' social networks.

- Thomas Matthew, Bård-Jørgen
Bårdsen, Naess Marius
14. The relative importance of various attractiveness and dominance measures in sexual selection in human males. Kordsmeyer Tobias, Penke Lars.
 15. Science as an epidemiology of representations. Blancke Stefaan, Heintz Christophe
 16. Implicit deed: human evolutionary perspective. Dotsenko Eugeny, Pchelina Olga
 17. Simultaneous Human Behaviour Research And Public Engagement in Science Centres. Kendal Rachel, Kendal Jeremy, Mursic Zarja, Bailey-Ross Claire, Rudman Hannah, Lloyd Andy, Ross Bethan
 18. Animacy effects in episodic memory: Evidence for a stone-age memory. Bonin Patrick, Gelin Margaux, Bugaiska Aurélia
 19. Cumulative cultural evolution of films: The case of anachronies. Sobchuk Oleg, Tinitis Peeter, Shelya Artjom
 20. Relationship with parents during childhood predicts age of the first love but not the first sexual experience in heterosexual and non-heterosexual individuals. Sterbova Zuzana, Bartova Klara, Weiss Petr, Varella Valentova Jaroslava
 21. Low 2D:4D in men – better chance for high-quality mates? Kuna Berenika, Galbarczyk Andrzej
 22. A Bibliometric Analysis of Studies on Human Mate Preferences. Pollet Thomas
 23. Sex differences in intergenerational transmission of economic status. Pink Katharina, Schaman Anna, Fieder Martin
 24. What explains the frequency of use in kinship terms across Indo-European languages? Racz Peter, Jordan Fiona
 25. Lying as a social strategy. Ding Haoran, Petra Kubernatova
 26. Voluntary smiles increase femininity: A comparison of human ratings and computational shape analysis. Shingler Polly, Ward Robert
 27. The Dark Triad and facial masculinity: females are not attracted to psychopaths. Kozma Luca, Trebicky Vít, Kocsor Ferenc
 28. Granny helps or hinders? Age and lineage differences in grandmother effects in historical Finland. Chapman Simon, Lahdenpera Mirkka, Pettay Jenni, Lummaa Virpi
 29. Impact of different social learning mechanisms on the emergence of a Walrasian Equilibrium. Carrignon Simon, Rubio-Campillo Xavier
 30. Tandem androgenic and psychological shifts in male reproductive effort following a manipulated 'win' or 'loss' in a sporting competition. Longman D., Surbey M.K., Stock J.T., Wells J.C.K.
 31. Grandmothering and Cognitive Resources Are Required for the Emergence of Menopause. Aime Carla, André Jean-Baptiste, Raymond Michel
 32. Shared lifetime between grandparents and grandchildren: Children with more shared years receive higher educational success. Tanskanen Antti Olavi, Lehti Hannu, Erola Jani
 33. Contrast Sensitivity Across the Menstrual Cycle. Webb Abigail, Hibbard Paul, O'gorman Rick
 34. Education level promotes preferences for low facial adiposity in men from Colombia. Borrás Martha Lucia, Perrett David, Batres Carlota
 35. Why we need implicit measures of prosocial motivation: Findings from Evolutionary Developmental Cross-Cultural Psychology. Chasiotis Athanasios A

36. An Examination of Digit Ratio (2D:4D), Transgenerational Effects, Assortative Mating, Handedness, and Religiosity in a General Population Sample from South Wales. Richards Gareth, Bellin Wynford, Davies William
37. Tracking strategies and hunting technology as beacons for the emergence of symbolic thinking. Kratschmer Alexandra, Lombard Marlize
38. Childhood inequality and parental care in the development of the Dark Triad of personality. Lyons Minna, McCormick Coral, Sisy Kandazi, Williams Mimi
39. Social learning strategies modify the effect of network structure on group performance. Barkoczi Daniel, Galesic Mirta
40. Is active grandparenting associated with the health and well-being of older adults? Danielsbacka Mirkka, Tanskanen Antti, Coall David, Jokela Markus
41. Differences in human extra-pair paternity behaviour in urbanised versus rural populations. Larmuseau Maarten, Decorte Ronny, Claerhout Sofie, Gruyters Leen, Wenseleers Tom
42. The peasants are revolting! Collective action and reverse dominance in a modified ultimatum game. Gordon David, Puurtinen Mikael
43. Social diffusion of gasoline motors among riverine horticulturalists. Beheim Bret, Kandler Anne, McElreath Richard, Gurven Michael, Kaplan Hillard
44. Men's preferences for women's body odours are not associated with HLA. Lobmaier Janek, Probst Fabian, Fischbacher Urs, Wirthmüller Urs, Knoch Daria
45. The Missing Link? Individual Differences in Moral Disgust Do Not Predict Utilitarian Judgments, Sexual and Pathogen Disgust Do. Laakasuo Michael, Sundvall Jukka, Drosinou Marianna