14TH ANNUAL CONFERENCE ASSOCIATION

E H B E A 2 0 1 9

TOULOUSE APRIL 23-26



















Address: Université Toulouse 1 Capitole - 2 rue du Doyen Gabriel Marty, 31000 Toulouse - Arsenal building

REGISTRATION & INFORMATION DESK



Tuesday

23

3.30PM - 8.00PM

Wednesday

24

8.30AM - 2.00PM

Thursday

25

8.30AM - 2.00PM

Friday

26

8.30AM - 1.40PM

QUIET ROOM



9.00AM - 6.00PM

Located on the 1st floor, the AR157 is a dedicated quiet room for participants.

Electrical plugs are available to recharge your equipment.

WI-FI



Network **UT1**Login: ut1_ehbea19
Password: boareu42

FOOD & BEVERAGE



Coffee breaks, buffet lunches and social events will take place in the Hall des Pas perdus.

DAILY UPDATES AND INFORMATION

Follow us on twitter
@ehbea2019
and look out for the big
screen in the Hall des
Pas Perdus for updates.

TRANSPORTATION

300 meters: "Compans Caffarelli" underground metro station (line B) and airport shuttle bus stop

50 meters: Toulouse local bike station "Vélô Toulouse"

EMERGENCY NUMBERS

15 - for serious medical emergency

17 - Police

18 - Fire Brigade 112 - International Emergency Call

ORGANIZING COMMITTEE

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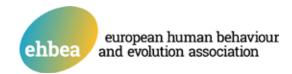
We warmly thank our sponsors and co-hosts, the Université Toulouse Capitole and the Institute for Advanced Study in Toulouse

















TUESDAY, APRIL 23

3.30 - 5.30 pm		Registration
5.30 - 6.00 pm	Amphi C	Introductions
6.00 - 7.00 pm	Amphi C	Plenary session 1 "Rethinking heredity to promote the Inclusive Evolutionary Synthesis. Implications for medical and human sciences" Etienne Danchin (Université Toulouse 3 Paul Sabatier) Chair: Jonathan Stieglitz
7.00 - 8.30 pm		Welcome Reception (Sponsored by The Galton Institute)

WEDNESDAY, APRIL 24

8.30 - 8.50 am		Registration
8.50 - 9.00 am	Amphi C	Announcements
9.00 - 10.00 am	Amphi C	Plenary session 2 "Female social relationships in a male philopatric society: Insights from the Gombe chimpanzees" Anne Pusey (Duke University) Chair: Jonathan Stieglitz
10.05 - 11.05 am	Amphi C	 Early Morning Session Chair : Jonathan Stieglitz "Sex and violence: Is chimpanzee belligerence a byproduct of selection for mating competition?" Michael Wilson (University of Minnesota) "Delimited approaches to reversing a harmful cultural tradition" Charles Efferson (University of Lausanne) "Parent-offspring conflict unlikely to explain 'child marriage' in northwestern Tanzania" Susan Schaffnit (University of California-Santa Barbara)
11.05 - 11.30 am		Coffee Break
11.30 - 12.30 pm	Amphi C	 Late Morning Session Chair: Vivek Venkataraman "Shuar infants' behavior towards plants and other objects" Annie Wertz (Max Planck Institute for Human Development) "The energetics of uniquely human subsistence strategies" Tom Kraft (University of California-Santa Barbara) "Language input among Tsimane' forager-horticulturalists" Camila Scaff (Ecole Normale Supérieure)
12.30 - 2.00 pm		Lunch
2.00 - 3.00 pm	Amphi C	Plenary session 3 "The biocultural bases of intergroup aggression" Luke Glowacki (Pennsylvania State University) Chair: Francesca De Petrillo
3.05 - 4.05 pm	Amphi C	 Early Afternoon Session Chair: Francesca De Petrillo "Two Pathways to Leadership in Human Evolution" MarkVan Vugt (VU University Amsterdam) "How do hunter-gatherers decide to move their camps?" Vivek Venkataraman (Institute for Advanced Study in Toulouse) "Inference of ecological and social drivers of human brainsize evolution" Mauricio Gonzalez-Forero (University of St. Andrews)
4.05 - 4.20 pm		Coffee Break

	Afterno	on Parallel Session 1
4.20 - 5.30 pm	Amphi B	A: Attractiveness and mate choice Chair : Harilanto Razafindrazaka • "Why are men muscular? Tests of reproductive, hormonal and ecological hypotheses to explain variation in human male muscularity within populations of Bangladeshi and British men" Kesson Magid (Queen Mary University of London) • "Comparing theory-driven and data-driven attractiveness models using images of real women's faces" Iris Holzleitner (University of Glasgow) • "Mating choice and career choice: Understanding the gender gap at work in an industrialized nation" Sylvie Borau (Toulouse Business School) • "Economic Prosperity and the Cultural Evolution of Love" Nicolas Baumard (Ecole Normale Supérieure)
4.20 - 5.30 pm	Amphi D	 B: Conflict and cooperation Chair : Morgane Gibert "Conflicts within and between groups over military alliances inhibit the evolution of large-scale human societies" Alberto Micheletti (Institute for Advanced Study in Toulouse) "Cooperation, Conflict and Social Status in a Small-Scale Society" Daniel Redhead (Max Planck Institute for Evolutionary Anthropology) "Witches or wizards? The co-evolution of witchcraft phenotypes and social systems" Sarah Peacey (University College London) "Near the Knuckle: Using Traveler Bare-Knuckle Contests to test hypotheses about male-male aggression" Robert King (University College Cork)
Afternoon Parallel Session 2		
5.30 - 6.05 pm	Amphi B	A: Politics and leadership Chair : Denis Pierron • "Fertility transition and urbanisation cause political polarization" Tamás David-Barrett (Universidad del Desarrollo, Chile) • "Formal leadership and collective action in two horticulturalist populations in Bolivia" Edmond Seabright (University of New Mexico)
5.30 - 6.05 pm	Amphi D	 B: Decision-making: nonhuman primates Chair : Morgane Gibert "The Emergence of Primate Calls" Valentin Thouzeau (CEREMADE) "Rhesus macaques use probabilities to predict future events" Francesca De Petrillo (Institute for Advanced Study in Toulouse)
6.05 - 7.30 pm		Poster session (see below)
7.30 - 9.30 pm		Student event: "Meet the experts" roundtable (Sponsored by CNRS)

THURSDAY, APRIL 25

8.30 - 9.00 am		Registration
9.00 - 10.00 am	Amphi C	Plenary session 4 "Sex and gender through the lens of epigenetics" Claudine Junien (Faculté de Médecine Paris-Ouest) Chair: Harilanto Razafindrazaka
10.05 - 11.05 am	Amphi C	 Early Morning Session Chair : Harilanto Razafindrazaka "Husband, Lover, Pater, Genitor: Concurrency and Paternity in Himba Pastoralists" Brooke Scelza (University of California, Los Angeles) "Shared interests or sexual conflict? Spousal age gap, women's empowerment & fertility in rural Tanzania" David Lawson (University of California, Santa Barbara) "Why do older people fall in love? Partnership transitions and family relations in later life" Anna Rotkirch (Population Research Institute, Väestöliitto)
11.05 - 11.20 am		Coffee Break
	Morning Parallel Session 1	
11.20 - 12.30 pm	Amphi B	 A: Alliances Chair : Alberto Micheletti "Testing the Cultural Evolutionary Dynamics of Prestige-Biased Copying: Agent-Based Modeling and Experimental Approaches" Hillary Lenfesty (Arizona State University) "Potential demographic variables underlying cross-cousin marriage among the Yanomamo and Dogon people" Arianna Dalzero (Max Planck Institute for Evolutionary Anthropology) "Evidence of prestige and dominance-based social hierarchies in communities in Cornwall, UK" Charlotte Brand (University of Exeter) "Can Race Be Erased?" Revisited: Critical tests of the hypothesis that racial categorization is a byproduct of alliance tracking." David Pietraszewski (Max Planck Institute for Human Development)
11.20 - 12.30 pm	Amphi D	 B: Pro-sociality: experiments and models Chair: Jorge Peña "Uncertainty about social interactions leads to social heuristics: evidence from a cooperation experiment" Pieter Van Den Berg (KU Leuven) "The evolutionary transition to theory of mind" Slimane Dridi (Institute for Advanced Study in Toulouse) "Carbon, Conservation and Cooperation - Incentive Structures and Conservation Institutions on Pemba" Jeffrey Andrews (Max Planck Institute for Evolutionary Anthropology) "Fairness as an 'incentive landscape' for cooperation" Jean-Baptiste André (Institut Jean Nicod)

12.30 - 2.00 pm		Lunch
2.00 - 3.00 pm	Amphi C	Plenary session 5 "How we never evolved to exercise: energy allocation and physical activity" Daniel Lieberman (Harvard University) Chair: Clement Zanolli
3.05 - 4.05 pm	Amphi C	 Early Afternoon Session Chair: Clement Zanolli "Kinship Ties Across the Lifespan in Human Communities" Jeremy Koster (University of Cincinnati) "The relative contributions of relatedness and kinship to social support in rural Tamil Nadu" Eleanor Power (London School of Economics and Political Science) "How to Collect Large Personal Networks Without Fear (of Fatigue)" Gert Stulp (University of Groningen)
4.05 - 4.20 pm		Coffee Break
	Afterno	on Parallel Session 1
4.20 - 5.30 pm	Amphi B	 A: Gender roles Chair: Francesca De Petrillo "The Bio-Cultural Origins of Gender Roles" Lynda Boothroyd (Durham University) "Evolution of the Family: Theory and Implications for Economics" Ingela Alger (Toulouse School of Economics, Institute for Advanced Study in Toulouse) "What is the link between early gonadal hormone exposure and sex differences in behaviour?" Gillian Brown (University of St. Andrews) "Ecological predictors of gender inequality: A 54-nation study of ecology, opportunity, and economic inequality" Naomi Muggleton (University of Warwick)
4.20 - 5.30 pm	Amphi D	 B: Social networks Chair : Morgane Gibert "Overlap in social networks drives cooperative norms and strategic behavior" Curtis Atkisson (University of California, Davis) "High social status is associated with child health among women, but not men, in an acculturating horticulturalist population" Sarah Alami (University of California, Santa Barbara) "Social networks and patterns of cooperation in small-scale societies" Gianluca Grimalda (Kiel Institute for the World Economy) "Same-sex Friendships among Hunter-Gatherers" Tommy Flint (Harvard University)

	Afterno	on Parallel Session 2
5.30 - 6.05 pm	Amphi B	 A: Religion Chair: Vivek Venkataraman "Violence and the Afterlife: A Phylogenetic Analysis of the Evolution of Beliefs in Islamic Sects" Zhang May Hanzhi (University College London) "Ritual Behavior, Religious Badges, and Within-Group Trust" Martin Lang (LEVYNA, Masaryk University) and Radek Kundt (LEVYNA)
5.30 - 6.05 pm	Amphi D	B: Senescence Chair : Harilanto Razafindrazaka • "No evidence that becoming a grandparent benefits wellbeing: What does this mean for evolutionary theories of grandparenting?" Paula Sheppard (University of Oxford) • "The Evolutionary Ecology of Menopause Symptoms" Yuping Yang (Lanzhou University)
6.05 - 7.30 pm		Poster session (see below)
7.30 - 8.45 pm		"Meet the editors" launch event for <i>Evolutionary Human Sciences</i> (Sponsored by Cambridge University Press)

FRIDAY, APRIL 26

8.30 - 9.00 am		Registration
9.00 - 10.00 am	Amphi C	Plenary session 6 "Causal Salad in Human Evolution & Ecology" Richard McElreath (Max Planck Institute for Evolutionary Anthropology) Chair: Jonathan Stieglitz
10.05 - 11.05 am	Amphi C	 Early Morning Session Chair: Jonathan Stieglitz "How does the impact of social information depend on its distribution?" Lucas Molleman (Max Planck Institute for Human Development) "A natural history of song" Samuel Mehr (Harvard University) "Cultural evolution of Irish traditional music in the digital age" Sally Street (Durham University)
11.05 - 11.20 am		Coffee Break
Morning Parallel Session 1		
11.20 - 12.30 pm	Amphi B	 A: Cooperative breeding Chair : Denis Pierron "Ecological predictors of allomaternal care across human societies" Adrian Jaeggi (University of Zürich) "Who cares? Demography and cooperative breeding in Agta foragers" Abigail E. Page (London School of Hygiene and Tropical Medicine) "Gendered division of labour and childbearing in low-fertility settings." Alyce Raybould (London School of Hygiene and Tropical Medicine) "Does alloparental care vary across a rural-urban gradient in north-western Tanzania?" Hassan Anushe (London School of Hygiene and Tropical Medicine)
11.20 - 12.30 pm	Amphi D	 B: Social learning Chair : Slimane Dridi "Cultural Transmission of Mating Preferences in Fruit Flies" Sabine Nöbel (Institute for Advanced Study in Toulouse) "Social learning amplifies sub-optimal data gathering biases" Justin Sulik (University of London) "The Importance of Life History for the Evolution of Social Learning" Dominik Deffner (Max Planck Institute for Evolutionary Anthropology) "Quantifying reproducibility of social learning research" Riana Minocher (Max Planck Institute for Evolutionary Anthropology)

12.30 - 1.40 pm		Lunch
	Afterno	on Parallel Session 1
1.40 - 2.30 pm	Amphi B	 A: Health and well-being Chair : Denis Pierron "The origin of medicine and the placebo effect"
1.40 - 2.30 pm	Amphi D	 B: Ontogeny Chair: Sabine Nöbel "Current and childhood environmental harshness are linked to adult levels of cooperation" Niels Lettinga (École normale supérieure) "Children delay gratification to cooperate: A joint marshmallow test with German and Kenyan children" Sebastian Grueneisen (University of Michigan) "Early Plant Learning in Fiji" Rita Mcnamara (Victoria University of Wellington)
2.30 - 3.30 pm	Amphi C	Plenary session 7 "Norms and moral behavior" Jean Tirole (Toulouse School of Economics) Chair: Alberto Micheletti
3.35 - 4.15 pm	Amphi C	 Early Afternoon Session Chair: Alberto Micheletti "Human body fluctuating asymmetry and immunocompetence" Boguslaw Pawlowski (University of Wroclaw) "Sharing and fairness in rural adolescents: WEIRD - non-WEIRD societies compared" Marina Butovskaya (Russian Academy of Sciences)
4.15 - 4.30 pm		Coffee Break
4.30 - 5.10 pm	Amphi C	 Late Afternoon Session Chair: Jonathan Stieglitz "The Evolutionary Logic of False Beliefs" Bret Beheim (Max Planck Institute for Evolutionary Anthropology) "New Challenges to the Comparative Evolutionary Social Sciences" Monique Borgerhoff Mulder (University of California, Davis)
5.10 - 6.15 pm	Amphi C	EHBEA Annual General Meeting / Awards / EHBEA 2020 / Other announcements
7.00 - 11.00 pm		Conference Dinner at EDF Bazacle

WEDNESDAY, APRIL 24 6:00pm - 7:30pm | Hall des Pas Perdus

Ine Aertgeerts KU Leuven; Samarasinghe Alarna University of Bristol; Abdulrahman Al-Rasheed King Saud University; Megan Arnot University College London; Antonio Benitez-Burraco University of Seville; Nik Ahmad Sufian Burhan University Putra Malaysia; Valentina Burkova Russian Academy of Sciences; **Zsófia Csajbók** Charles University; **Val Curtis** University of Exeter; **Isaac Debache** Institut Pluridisciplinaire Hubert Curien; Peter Dewitte KU Leuven; Eugene Dotsenko University of Tyumen; Natalia Fedorova Max Planck Institute for Evolutionary Anthropology; Tas Ferencz University of Pécs; Daniel Frynta National Institute of Mental Health-Czech Republic; Andrzej Galbarczyk Jagiellonian University Medical College; Martin Hula Charles University; Angel Jimenez University of Exeter; Martin Kolk Stockholm University; Gabriella Kountourides University of Oxford; Lucie Kuncová Charles University; Eva Kundtova Klocova Masaryk University; Tom Kupfer Vrije Universiteit Amsterdam; Eva Landová National Institute of Mental Health-Czech Republic; Aaron Lenihan University of Georgia; Elena Leonova Tsiolkovskiy Kaluga State University; Linda Lidborg Durham University; Jitka Lindova Charles University; Karolina Milkowska Jagiellonian University Medical College; Judit Mokos Eötvös Loránd University; Seiya Nakata Hokkaido University; Pia Nyman-Kurkiala Åbo Akademi University; Jorge Peña Institute for Advanced Study in Toulouse; Thomas Richardson University of Manchester; Vania Rolon Brunel University London; Emilija Romić Faculty of Media and Communications-University of Singidunum; Gabriel Saffa University of South Bohemia; Lou Safra Sciences Po; Viorel Gheorghe Savu Babeş-Bolyai University; Pavel Šebesta Charles University; Ayten Yesim Semchenko Charles University; Robert Soper University of St Andrews; Zuzana Sterbova Charles University; Thomas Tajo Visioneers; Petr Turecek Charles University; Justin Yeh Max Planck Institute for Evolutionary Anthropology; Sacha Yesilaltay Institut Jean Nicod; Anita Magdalena Zalisz Jagiellonian University Medical College; Barbora Zampachová National Institute of Mental Health-Czech Republic; Joanna **Zyrek** Jagiellonian University Medical College.

THURSDAY, APRIL 25 6:00pm - 7:30pm | Hall des Pas Perdus

Dorothea Cosima Adler Julius-Maximilians-Universität Würzburg; Sarah Alharbi University of Glasgow; Yulia Apalkova Russian Academy of Science; Elise Bausseron University of Queensland; Béla Birkás University of Pécs; Gayle Brewer University of Liverpool; Rachel Cassar University of Glasgow; Yuan Chen Lanzhou University; Bruna Da Silva Nascimento University of Bath; Rang Dung Zhi Cai Lanzhou University; Vanessa Fasolt University of Glasgow; Dugald Foster University of Exeter; Natalia Frankowska SWPS, University of Social Sciences and Humanities; Julian Garcia Monash University; Francisco Gil-White Instituto Tecnológico Autónomo de México; Anna Greenburgh University College London; Léonard Guillou Institut Jean Nicod; Julia Hoefer Toulouse School of Economics; Shogo Homma Hokkaido University; Olivier Juan University of Kassel; Jaakko Junikka University of Jyävskylä; O'shea Kieran University of Glasgow; Rebecca J. Lai University of Glasgow; Lexi Lang Oxford University; Minna Lyons University of Liverpool; Ryan Mckay University of London; Marc Mehu Webster University; Isabelle Maria Menne Julius-Maximilians-Universität Würzburg; Ordin Mikhail Basque Centre for Cognition, Brain and Language; Elena Miu Arizona State University; Ben Mocha Yitzchak Max Planck Institute for Ornithology; Masahito Morita University of Tokyo; Bai Peng-Peng Lanzhou University; Katarzyna Pisanski University of Lyon/St-Etienne; Thomas Pollet Northumbria University; Leona Polyanskaya Basque Centre for Cognition, Brain and Language; Ilaria Pretelli Max Planck Institute for Evolutionary Anthropology; William Ridge Monash University; Camille Rioux Max Planck Institute for Human Development; Victoria Rostovtseva Russian Academy of Sciences; Tamsin Saxton Northumbria University; Martín José Segovia Universidad Autónoma de Barcelona; Shayan Shaikh University of Warwick; Anne Sibilsky Leipzig University; Zaneta Slámová Charles University; Rose Stevens Oxford University; Joseph Stubbersfield Durham University; Alexandre Suire Université de Montpellier; Aleksandra Szymkow SWPS University of Social Sciences and Humanities; Maximilian Von Andrian-Werburg University of Wuerzburg; Emilia Yamamoto Universidade Federal do Rio Grande do Norte; Lingshan Zhang University of Glasgow; Liqiong Zhou Lanzhou University.

THE EHBEA ETHOS

Our conference is dedicated to providing a harassment-free conference experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, ethnicity, religion, status or technology choices. We encourage lively and spirited communication and debate, in an inclusive and welcoming atmosphere, throughout all sessions and social events associated with the conference.

If you encounter any problems in this matter, please contact a member of the program committee.

If you experience any issues with respect to harassment, discrimination or other misconduct, please consult a counselor: *direct.hcg@tse-fr.eu*Your message will be treated anonymously.

TUESDAY, APRIL 23

Welcome reception

7.00 pm - 9.00 pm | Hall des Pas Perdus, Arsenal building



WEDNESDAY, APRIL 24

Meet the Experts (for graduate students)

7:30 pm - 9:30 pm | Hall des Pas Perdus, Arsenal building

Graduate students will be given the opportunity to discuss and exchange with researchers on their careers and science.



THURSDAY, APRIL 25

Launch event - Evolutionary Human Sciences Journal - Meet the Editors

7:30 pm - 8.45 pm | Hall des Pas Perdus, Arsenal building



Evolutionary Human Sciences is a fully Open Access journal that supports a unified approach to evolutionary human sciences. We are concerned with understanding how evolution has shaped humankind, from biology through to culture.

The journal aims to attract papers in the fields of evolutionary anthropology, cultural evolution, human biology, evolutionary medicine, anthropological genetics, phylogenetics, paleoanthropology and evolutionary approaches to psychology, cognition, language, economics, archaeology, primatology, politics and anything else that can be considered to be part of the evolutionary human sciences.

Evolutionary Human Sciences publishes interdisciplinary original research, including registered reports, and reviews.

FRIDAY, APRIL 26

Conference Dinner

7:00 pm - 11:00 pm | EDF Bazacle

Situated in the center of the city along the Garonne, the EDF Bazacle Complex offers to the EHBEA participants diverse experiences: a museum itinerary, a large terrace overhanding the Garonne, temporary exhibitions (some with the support of the EDF Foundation), a photo gallery, a fish pass. Dinner guests are welcome to explore the museum during the event.

We would like to thank our partner EDF for hosting our conference dinner.

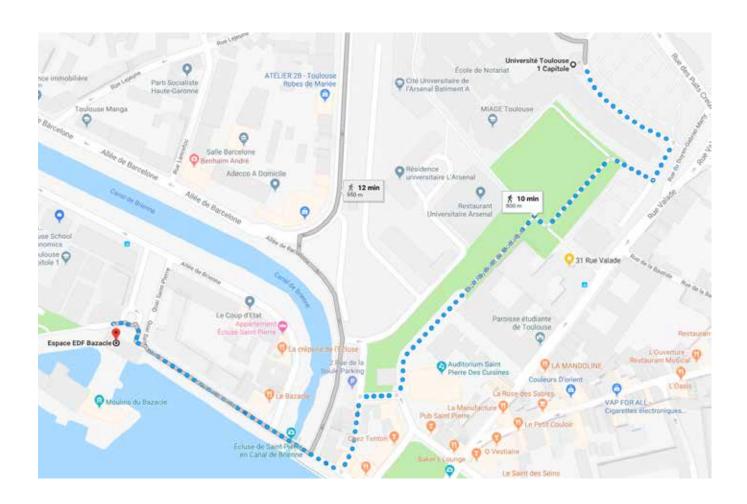
Address:

EDF Bazacle 11, quai Saint-Pierre, 31000 Toulouse



Access:

from the conference venue, 10 minutes on foot, 4 minutes by bike, by bus take line number 1 and stop at Barcelone-Leclerc.





european human behaviour and evolution association

The European Human Behaviour and Evolution Association (EHBEA) is an interdisciplinary society that supports the activities of European researchers with an interest in evolutionary accounts of human cognition, behaviour and society.

EHBEA organises annual European conferences and occasional workshops, and provides research funding. EHBEA aims to support work with a broad, pluralistic and interdisciplinary perspective. EHBEA encourages rigorous science, with strong theoretical foundations and integration across disciplines.

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THE 15TH ANNUAL EHBEA
CONFERENCE WILL BE HOSTED
BY JAGIELLONIAN UNIVESITY

KRAKOW, POLAND
APRIL 1-4, 2020







The Institute for Advanced Study in Toulouse was created in 2011 by Nobel laureate Jean Tirole. Fostering interdisciplinary research across the social sciences, the institute aims to understand fundamental determinants of human behavior. The community gathers anthropologists, biologists, historians, law professors, mathematicians, philosophers, political scientists, psychologists and sociologists, all working closely with faculty from its sister institution Toulouse School of Economics.

