

*The 6th International Conference of the
European Human Behaviour & Evolution
Association (EHBEA)*

March 24 – 26, 2011

Gießen, Germany

PRELIMINARY PROGRAMME

Programme Overview

Wednesday	16.00 – 20.00 19.00 –	Registration Meeting of the German Group 'MVE' (see http://www.mve-liste.de)
Thursday	8.15 – 15.00	Registration
	9.00 – 9.30	Opening of the Conference
	9.30 – 10.30	Plenary Lecture: Kim Hill
	10.30 – 10.45	Coffee
	10.45 – 12.00	Best Rated Abstracts
	12.00 – 12.15	Coffee
	12.15 – 13.05	Session A: Attractiveness
	13.05 – 14.30	Lunch
	14.30 – 15.30	Plenary Lecture: Carel van Schaik
	15.30 – 16.20	Session B: Life History Theory – Pay-offs in Growth and Longevity
	16.20 – 16.50	Coffee
	16.50 – 18.05	Session C1: Machiavellism Session C2: Life History Theory – Early Contingencies
	18.05 – 19.00	Poster Session
19.30 – 21.00	Wine Reception and Speed Science Dating	
Friday	9.00 – 10.00	Plenary Lecture: Karl Grammer
	10.00 – 10.50	Session D: Mating Strategies
	10.50 – 11.20	Coffee
	11.20 – 13.10	Session E: Preferences and Constraints in Mating
	13.10 – 14.30	Lunch
	14.30 – 15.30	Plenary Lecture: Peter Richerson
	15.30 – 16.20	Session F1: Cultural Evolution Session F2: Cooperation – Assortment
	16.20 – 16.50	Coffee
	16.50 – 18.45	Session G1: Kin and Reproduction Session G2: Cultural Transmission
	18.45 – 20.15	Poster Session and Wine

Programme Overview

Saturday	9.00 – 10.00	Plenary Lecture: Manfred Milinski		
	10.00 – 10.50	Session H: Game Theory		
	10.50 – 11.20	Coffee		
	11.20 – 13.10	Session I: Social Learning		
	13.10 – 14.30	Lunch		
	14.30 – 15.30	Plenary Lecture: Thom Scott-Phillips		
	15.30 – 16.20	Session J1:	Session J2:	
		Face Recognition	Cooperation – Dynamics	
	16.20 – 16.50	Coffee		
	16.50 – 18.45	Session K1: Hormonal	Session K2: Darwinian	
		Variation and Attractiveness	Medicine – Adaptations and Beyond	
	18.45 – 20.15	EHBEA AGM		
20.15 –	Conference Dinner			

THURSDAY, March 24, 2011

8.15–15.00 **Registration (also possible on Wednesday 4-8 pm)**

9.00–9.30 **Opening of the Conference**

9.30–10.30 **Plenary Lecture**

- **The Origins of Human Uniqueness** *Kim Hill*

10.30–10.45 **Coffee**

10.45–12.00 **Best Rated Abstracts**

1. **Mate choice and stature in African Pygmies** *Noémie S. A. Becker, Priscille Touraille and Alexandre Courtiol*
2. **Social learning in the cooperative domain: Evidence from public goods game experiments** *Shakti Lamba*
3. **The life history trade-off between fertility and child survival** *David W. Lawson and Mhairi Gibson*

12.00–12.15 **Coffee**

12.15–13.05 **Session A: Attractiveness**

1. **Attractiveness constancy: Is facial attractiveness stable?** *Edward Morrison and Kim Bard*
2. **Do Attractive People Have More Children? A Cross-Cultural Study on Facial Attractiveness and Reproductive Success** *Antonio Silva, Alexandra Alvergne, Virpi Lummaa, Michel Raymond, Allan Mazur and Ulrich Mueller*

13.05–14.30 **Lunch**

14.30–15.30 **Plenary Lecture**

- **Cooperative breeding and the evolution of our unique features** *Carel van Schaik*

15.30–16.20 **Session B: Life History Theory – Pay-offs in Growth and Longevity**

1. **What are the pay-offs to growth in later life? A survey of height and reproductive outcomes in adulthood** *Rebecca Sear*
2. **Selection for longevity in a polygamous human society in rural Africa** *David van Bodegom, Linda May and Rudi G.J. Westendorp*

16.20–16.50 **Coffee**

16.50–18.05 **Session C1: Machiavellism**

1. **The evolution of cognitive control: Evidence for a domain-general executive process**
Thomas Hills, Peter Todd and Robert Goldstone
2. **Mother cold, father controlling? Relationships between childhood experiences, Machiavellianism, and functioning in social relationships**
Minna Lyons
3. **Is Machiavellian Intelligence a primary factor in human cognitive evolution? - An fMRI study**
Tamas Bereczkei, Anita Deak and Peter Papp

16.50–18.05 **Session C2: Life History Theory – Early Contingencies**

1. **Early environmental stress and fast male life histories**
Charlotte Störmer
2. **The association between father absence and the timing of male reproductive decisions: evidence from a cohort of British men**
Paula Sheppard
3. **Death Clustering of Infants in Second Marriages in Two Historical Populations**
Kai P. Willführ and Alain Gagnon

18.05–19.00 **Poster Session**

19.30–21.00 **Wine Reception and Speed Science Dating**

9.00–10.00 **Plenary Lecture**

- **The crocodile is substantially greener than it is long: about the current status of attractiveness research in evolutionary psychology** *Karl Grammer*

10.00–10.50 **Session D: Mating Strategies**

1. **On the adaptive origins and maladaptive consequences of human inbreeding: Parasite prevalence, immune functioning and consanguineous marriage** *Ashley Hoben, Abraham Buunk, Corey Finicher, Randy Thornhill and Mark Schaller*
2. **Mother knows best: revisiting the paternity threshold model** *Laura Fortunato and Marco Archetti*

10.50–11.20 **Coffee**

11.20–13.10 **Session E: Preferences and Constraints in Mating**

1. **Similarities and differences between partner height preferences and actual partner heights** *Gert Stulp, Thomas V. Pollet and Simon Verhulst*
2. **Men's and women's sexual interest and actual sexual behaviour as a function of both the participant's and the partners' ages** *Jan Antfolk, Benny Salo and Katarina Alanko*
3. **Testosterone levels are positively associated with the lifetime number of opposite sex partners in a large sample of elderly American men** *Thomas V. Pollet, Leander van der Meij, Kelly D. Cobey and Abraham P. Buunk*
4. **What room for choice in mutual mate choice?** *Alexandre Courtiol*

13.10–14.30 **Lunch**

14.30–15.30 **Plenary Lecture**

- **The Case for Cultural Group Selection** *Peter Richerson*

15.30–16.20 **Session F1: Cultural Evolution**

1. **Specialization: A driving force in cultural evolution – Theory and data** *Micael Ehn, Anna-Carin Stymne and Magnus Enquist*
2. **Group markers and cultural diversity in experimental microsocieties** *Cristina Matthews, Christine A. Caldwell and Gareth Roberts*

15.30–16.20 **Session F2: Cooperation – Assortment**

1. **Assortment and population structure: a recipe for cooperation** *Julian Garcia and Matthijs van Veelen*
2. **An approach to studying cooperation between kin** *Patrick Heady*

16.20–16.50 **Coffee**

16.50–18.45 **Session G1: Kin and Reproduction**

1. **Reproductive strategies under socioeconomic constraints: Modelling effects of Krummhörn grandmothers on fertility decisions of their daughters and daughters-in-law (18th and 19th centuries, Germany)** *Johannes Johow*
2. **What if Romeo and Juliet had listened to their parents? An agent-based model of parental involvement in human mate choice** *Paul E. Smaldino, Lesley Newson, Jeffrey C. Schank and Peter J. Richerson*
3. **Are elder siblings helpers or competitors? Long-term fitness effects of sibling interactions in a Finnish population.** *Aida Nitsch, Charlotte Faurie and Virpi Lummaa*
4. **How do kin impact reproduction? A comparison of kin support and kin influence models** *Curtis Atkisson, Mary K. Shenk and Mary C. Towner*

16.50–18.45 **Session G2: Cultural Transmission**

1. **An experimental comparison of human social learning strategies: payoff-biased social learning is adaptive but under-used** *Alex Mesoudi*
2. **The establishment of arbitrary symbolic communicative conventions in experimental microsocieties** *Christine A. Caldwell*
3. **Cultural transmission of preferences creates fashions and fads** *Alberto Acerbi, Stefano Ghirlanda and Magnus Enquist*
4. **Trait stickiness in cumulative cultural evolution depends on accuracy of individual information** *Ulf Toelch, Peter J. Richerson, Simon M. Reader, Lesley Newson, Richard McElreath and Mark Lubell*

18.45–20.15 **Poster Session and Wine**

9.00–10.00 **Plenary Lecture**

- **The climate change game** *Manfred Milinski*

10.00–10.50 **Session H: Game Theory**

1. **Experimental evidence of the reversed observer effect in the human corporation** *Kengo Tane and Masanori Takezawa*
2. **Alternative roles of punishment in experimental settings: Beside strong reciprocity** *Tünde Paál and Tamás Bereczkei*

10.50–11.20 **Coffee**

11.20–13.10 **Session I: Social learning**

1. **The evolutionary basis of human social learning** *Thomas J. H. Morgan, Luke E. Rendell, Micael Ehn and Kevin N. Laland*
2. **The impact on organisms of transmitting secondary replicator systems** *Joanna J. Bryson and Sam P. Brown*
3. **Adaptive toolbox of who? Strategies in social learning** *Masanori Takezawa*
4. **The interplay between individual learning and social transmission in heterogeneous environments** *Anne Kandler and Kevin N. Laland*

13.10–14.30 **Lunch**

14.30–15.30 **Plenary Lecture (New Investigator Award Winner)**

- **Communication, relevance, and the origins of language** *Thom Scott-Phillips*

15.30–16.20 **Session J1: Face Recognition**

1. **Exposure to visual cues of pathogen contagion changes preferences for masculinity and symmetry in opposite-sex faces** *Anthony Little, Lisa M. DeBruine and Benedict C. Jones*
2. **Women prefer faces that resemble their partners** *Tamsin Saxton, Bernard Tiddeman and Dengke Xiao*

15.30–16.20 **Session J2: Cooperation – Dynamics**

1. **Fast and frugal algorithms: Error management in games** *Elisabeth Oberzaucher and Karl Grammer*
2. **Group dynamics in public goods games** *Ulrich Frey and Hannes Rusch*

16.20–16.50 **Coffee**

16.50–18.45 **Session K1: Hormonal Variation and Attractiveness**

1. **Body height, testosterone, vocal and facial attractiveness in men** *Indrikis Krams, Sanita Kecko, Ilona Skrinda, Tatjana Krama and Markus J. Rantala*
 2. **Fragrant expectations - Changes of female body odour quality during pregnancy and after the delivery** *Pavlina Lenochova and Jan Havlicek*
 3. **Changes in preferences for MHC-heterozygosity across menstrual cycle** *Jan Havlicek, Katerina Ptackova, Katerina Vavrova and S. Craig Roberts*
 4. **Regional variation in women's masculinity preferences** *Lisa M. DeBruine, Benedict C. Jones, Anthony C. Little, John R. Crawford and Lisa L. M. Welling*
- 16.50–18.45 **Session K2: Darwinian Medicine – Adaptations and Beyond**
1. **Mate Choice and Health: Effects of own and spouse's characteristics on health estimation and susceptibility to diseases in men and women** *Martin Fieder and Susanne Huber*
 2. **Immune defence and the attractiveness of men's body** *Markus J. Rantala, Tatjana Krama and Indrikis Krams*
 3. **Adaptive Psychopathic traits** *Keith Morgan, Sue Aitken and Holly Nodwell*
 4. **Autism and schizophrenia: adaptations or evolutionary developmental disorders?** *An-nemie Ploeger and Frietson Galis*
- 18.45–20.15 **EHBEA AGM**
- 20.15– **Conference Dinner**