

## 5<sup>th</sup> International Conference of the Polish Society for Human and Evolution Studies

Centre of New Technologies, Warsaw, Poland, 24 – 26 September 2018

### Sunday 23.09

19:00 Pre-conference mixer (a non-official meeting at a bar)  
Café Kulturalna  
Address: pl. Defilad 1 (Palace of Culture and Science)

### Monday 24.09

08:30 Registration for the conference  
& putting up posters

10:15 Conference opening

10:50 Grażyna Jasińska **PLENARY LECTURE: Evolutionary perspective on women's reproduction and health**

11:50\* Petr Tureček, Alice Velková and Jan Havlíček **The effect of grandmothers on their offspring reproductive outcome depends on socio-economic status**

12:10 Coffee break

12:30\* Anna Apanasewicz, Magdalena Piosek, Patrycja Wychowaniec, Anna Ziomkiewicz-Wichary, Magdalena Babiszewska and Olga Barbarska **Is the fluctuating asymmetry related to breast milk composition?**

12:50\* Martha Lucia Borrás-Guevara, Carlota Batres and David I. Perrett **Further evidence that physical indicators of formidability are less preferred by women in violent contexts**

13:10\* Vít Třebický, Jitka Fialová, David Stella, Karel Kleisner and Jan Havlíček **Congruence in facial perception of portrait, profile and 360° rotation photographs**

13:30 Lunch break

14:30 Jan Havlíček **PLENARY LECTURE: MHC, mate choice and reproduction**

15:30 Zsófia Csajbók, Anthony J. Lee and S. Craig Roberts **Olfactory Preference for MHC Similarity – A Twin Study Suggests Genetic and Shared Environmental Factors**

15:50 Jitka Fialová, Vít Třebický, Klára Coufalová, David Stella and Jan Havlíček **Factors affecting perception of fighting ability in MMA fighters using 360° facial photographs**

16:10 Poster session (including coffee break)

17:15 PTNCE annual meeting (PTNCE members only)

19:00 Welcome reception / conference dinner  
Pub Lolek  
Address: Rokitnicka 20

**Tuesday 25.09**

- 09:15 Russell Gray PLENARY LECTURE: The cultural evolution of religion
- 10:15 Konrad Talmont-Kaminski Does wearing odd socks help to make more babies?: The evolutionary function of ritual and anxiety, and the feeling of loss of control
- 10:35\* Michał Misiak and Piotr Sorokowski The adaptive nature of moral concerns regarding wasting food
- 10:55\* Yitzchak Ben Mocha Humans conceal sex across cultures. But why?
- 11:15 Coffee break
- 11:45 Pavel Duda and Jan Zrzavý A global phylogeny of human populations based on genetic and linguistic data
- 12:05 Sławomir Waciewicz, Przemysław Zywicki and Roland Muehlenbernd The evolutionary stability of linguistic politeness in requests
- 12:25\* Monika Boruta-Żywicka and Marek Placiński The syntax of pantomime and its influence on comprehension
- 12:45\* Rafał Miśta Simulation Model of Diffusion and Differentiation of Folk Tunes
- 13:05\* Edit Szabo, Daniel N Jones, and Tamas Bereczkei Listen to what others say – Mind reading is easier when stimuli mimic conversations
- 13:25 Lunch break
- 14:50 Marina Butovskaya, Valentina Burkova and Dmitry Karelin Does fairness associate with prosociality: urban and rural African adolescents compared
- 15:10\* Victoria V. Rostovtseva and Marina L. Butovskaya Ethnical parochialism in cooperative behavior: evidence from the "face-to-face" experiment
- 15:30 Karel Kleisner, Šimon Pokorný, Tomáš Kočnar and Robert Mbe Akoko Preference and size-dependent perception of sexual dimorphism in African and European faces
- 15:50\* Tomasz Adam Bielawski 'Let's talk about your mother...' - is there a way to truly investigate unconsciousness? Neurobiological and psychiatric approach to epigenetic mechanisms underlying subcortical- derived, cognitive abilities
- 16:10 Coffee break
- 16:45 "Talking 'bout evolution sounds like a whisper" – science communication in the time of fake news and pseudoscience – discussion panel (Michał Misiak, Bogusław Pawłowski, Barbara Pietrzak, Konrad Talmont-Kaminski)
- 19:00 Social event  
4 pokoje  
Address: Wileńska 19

Wednesday 26.09

- 09:15 Wolfgang Haak PLENARY LECTURE: Europe's genetic prehistory
- 10:15 Piotr Podlipniak Phonotactics and pitch syntax as two evolutionarily different communicative systems of *Homo sapiens*
- 10:35\* Paulina Pruszkowska-Przybylska, Justyna Karkus and Joanna Mietlińska Agenesis of the third molars in the Polish population from the Neolith to modern times
- 10:55 Małgorzata E. Arlet Female reproduction and infant survival in an African arboreal primate
- 11:15 Coffee break
- 11:45 Katarzyna Pisanski, Anna Oleszkiewicz, Justyna Plachetka, Marzena Gmiterek and David Reby Voice modulation in human mate choice
- 12:05 Agnieszka Żelaźniewicz, Judyta Nowak and Bogusław Pawłowski Hand-grip strength and disgust sensitivity in women
- 12:25 Bogusław Pawłowski, Agnieszka Żelaźniewicz and Judyta Nowak Facial attractiveness, perceived health and age, and visceral fat tissue amount in women
- 12:45 Best student talk and best student poster award
- 13:05 Conference closing
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- 13:30

If a multiple-author talk is not presented by the first author, the name of the presenting author is underscored

\*student talks – subjected to “best student talk” award vote

## POSTERS

Poster session – Monday 24.09 16:10 – 17:15

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| 1*  | Alena Cizenkova, Nicole Komjatiova, Tereza Zikanova, Katerina Klapilova, Lucie Krejcova  | Female sexual response in reaction to static male stimuli: a VPG study  |
| 2   | Karolina Doan, Martyna Molak-Tomsia, Karolina Porębna, Paweł Dąbrowski, Maciej Oziembłowski, Wiesław Bogdanowicz and Hanna Panagiotopoulou | Genetic characteristics of the inhabitants of Wrocław during the early modern period in their ethnic, biological and epidemiological contexts |
| 3*  | Daria Dronova  | Symbolic communication with the deceased in the culture of the Ulch   |
| 4*  | Martyna Dziekan, , Roberto Baiocco, Antonio Chirumbolo, Fiorenzo Laghi, Mara Morelli, Dora Bianchi, Michał Misiak and Piotr Sorokowski     | Can sexting behavior predict promiscuity?   |
| 5*  | Vojtěch Fiala, Farid Pazhoohi, Vít Třebický, Šimon Pokorný and Karel Kleisner  | Facial sexual dimorphism as possible cue of facial attractiveness perception in Iran and Czech Republic samples                               |
| 6   | Andrzej Galbarczyk, Magdalena Klimek, Ilona Nenko, Grazyna Jasienska   | The number of sons and maternal health at older age   |
| 7*  | Alicja Hudzik and Bogusław Pawłowski   | Does face attractiveness compete with breasts?  |
| 8   | Krzysztof Kościński  | Breast firmness is of greater importance for woman's attractiveness than breast size  |
| 9*  | Karolina Milkowska, Andrzej Galbarczyk and Grazyna Jasienska   | Occupation and disgust sensitivity in phases of menstrual cycle   |
| 10  | Judyta Nowak, Agnieszka Żelaźniewicz and Bogusław Pawłowski  | Facial attractiveness and nasopharyngeal carriage of <i>Staphylococcus aureus</i> in women  |
| 11* | Adrianna Nowicka and Bogusław Pawłowski  | Are long and narrow women's necks perceived as the most attractive?   |
| 12* | Dagmar Schwambergová, Žaneta Slámová, Jitka Fialová and Jan Havlíček   | Is reactivity of immune system related to body odour quality?   |
| 13* | Žaneta Slámová, Dagmar Schwambergová, Jitka Fialová, Vít Třebický and Jan Havlíček   | Association between reactivity of immune system and facial attractiveness   |
| 14* | Zuzana Štěrbová, Jan Havlíček, Klára Bártová, Jaroslava Varella Valentova  | Positive relationship with father predicts father-partner similarity and enhances romantic relationship adjustment of the daughters           |
| 15* | Aleksandra Poniewierska, <u>Aleksandra Szczepańska</u> and Mateusz Kościcki  | A synthetic view of the origins of language   |
| 16* | Klaudia Zbyrowska, Agnieszka Żelaźniewicz, Judyta Nowak and Bogusław Pawłowski   | Potential trade-off between attractiveness and length of reproductive live in women?  |
| 17* | Pavel Šebesta, Vít Třebický, Jitka Fialová, Klára Coufalová, & Jan Havlíček  | Acoustic correlates of formidability perceptions of shouts and utterances and actual fighting success in amateur MMA fighters                 |

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\*student poster – subjected to “best student poster” award vote