

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Biological, Social and Cultural Dimensions of Human Health

Organized by
European Anthropological Association

under the High Patronage of

Professor Barbara Kudrycka

Minister of Science and Higher Education in Poland

Professor Bronisław Marciniak

Rector of Adam Mickiewicz University, Poznań

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Rector of University School of Physical Education in Poznań

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Hosted by the Adam Mickiewicz University www.amu.edu.pl

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Committees

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Hour	Sunday, 29 August	Monday, 30 August		Tuesday, 31 August		Wednesday, 1 Sept		Thursday, 2 Sept			
9-9:30		Symposium Risks	Symposium Growth	Symposium Skel	Symposium Applied	Symposium Skel	Symposium Applied	Symposium Misc	Symposium Growth		
9:30-10		LecHall A	LHParter	LecHall A	LHParter	LecHall A	LHParter	LecHall A	LHParter		
10-10:30		Coffee Break		Coffee Break		Coffee Break		Coffee Break			
10:30-11		Coffee Break		Coffee Break		Coffee Break		Coffee Break			
11-11:30		Keynote Lectures Aula Maior		Keynote Lectures Aula Maior		Keynote Lectures Aula Maior		Keynote Lecture Aula Maior			
11:30-12	General Assembly Official Closing										
12-12:30	Registration Collegium Biologicum Umultowska 89	Lunch Council Meeting		Lunch		Lunch Board Meeting					
12:30-13											
13-13:30											
13:30-14											
14-14:30											
14:30-15		Sym Evol LecHall A		Sym Age LHParter				Symposium Misc			
15-15:30						LecHall A		Symposium Adol			
15:30-16								LHParter			
16-16:30		Ground Poster Viewing First Contest Evol Growth		Sport Risks				Coffee Break			
16:30-17								Ground Poster Viewing First Skel Hdet Applied Adol Misc			
17-17:30	Opening Ceremony and the Welcome Reception Aula UAM Wieniawskiego 1			The country life tradition in the Wielkopolska Region Visit to the open-air museum in Dziekanowice							
17:30-18											
18-18:30		Welcome Reception at the Municipal Office Plac Kolegiacki 17									
18:30-19											
19-19:30											
19:30-20											
20-20:30											
20:30-21										Gala Dinner Restaurant Brovaria Stary Rynek 73,74	
21+											

Symposia: Application of evolution to human health (Evol); Health of the past human populations (Skel); Health determinants, measurements and trends (Hdet); Applied anthropology and health (Applied); Health risk factors (Risks); Growth, maturation and ageing (Growth); Health and quality of life in adolescence (Adol); Sport anthropology (Sport); Miscellany (Misc)

17th Congress of the European Anthropological Association
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Scientific Programme

Sunday, 29 August, 2010

Keynote lecture

Our physically active past: implications for the present

Robert M. Malina, University of Texas at Austin, USA

17th Congress of the European Anthropological Association
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Scientific Programme

Keynote Lectures

Free Communications

Symposia

1. Application of evolution to human health (Evol)
2. Health of the past human populations (Skel)
3. Health determinants, measurements and trends (Hdet)
4. Applied anthropology and health (Applied)
5. Health risk factors (Risks)
6. Growth, maturation and ageing (Growth)
7. Health and quality of life in adolescence (Adol)
8. Sport anthropology (Sport)
9. Miscellany (Misc)

Please note: Any changes that may occur in the programme will be noted on boards at the entrance to lecture halls and on the notice board in the congress venue

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Scientific Programme

Monday, 30 August, 2010

Keynote session Chair: Alan Mann, Princeton University, USA
Aula Maior

11:00 „Driven to innovation – the permanent challenge of
hominization“

HENKE Winfried

Johannes Gutenberg University, Mainz, Germany

12:00 Cancer – a real epidemics of the 21st century

KORNAFEL Jan and Ignatowicz-Pacyna Agnieszka

Wrocław Medical University, Wrocław, Poland

Monday, 30 August, 2010

9:00-10:30

Free Communications

Lecture Hall A

Symposium

Health and risk factors

Chair: Eugene Kobylansky, Tel Aviv University, Tel Aviv, Israel

Abstract Number

- 9:00 Nutrient and energy intake and body development in Hungarian children and adolescents **8**
BODZSÁR Éva B., ZSÁKAI Annamária and LICHTHAMMER Adrienn
Eötvös Loránd University, Budapest, Hungary
- 9:15 The risk of abdominal obesity in the adolescence period in children aged 7-15. The Cracow Longitudinal Growth Study **15**
CHRZANOWSKA Maria and **SUDER Agnieszka**
School of Physical Education in Kraków, Kraków, Poland
- 9:30 Relationship between BMI and nutrition (NPI) and social status (FAS) markers in 8-9 year old children **126**
SZCZEPANOWSKA Ewa and UMIASTOWSKA Danuta
University of Szczecin, Szczecin; The AlmaMer University of Economics, Warsaw, Poland
- 9:45 Body shape as a mirror of the habitual activity **136**
VITÁLYOS Gábor Áron, ZSÁKAI Annamária and BODZSÁR Éva B.
Eötvös Loránd University, Budapest, Hungary
- 10:00 The Relationships among Role Involvement, Team Cohesion, and athlete Satisfaction in Football players Teams of 9th Iranian universities sport Olympiad **142**
ZARGHAMI-PARVANEH Mehdy and SHAFIANIA-MARZBAN
Ardehshiri
Shahid Chamran University, Iran
- 10:15 Analysis of stillbirth risk: comparison of Spanish versus non-Spanish mothers **31**
FUSTER Vicente, ZULUAGA Pilar, ROMÁN-BUSTO Jorge and COLANTONIO Sonia Edith
Complutense University of Madrid and GEPS, Madrid, Spain

10:30 Coffee break

11:00-13:00 Keynote lectures

13:00 Lunch Council Meeting

Monday, 30 August, 2010

9:00-10:30

Free Communications

Lecture Hall Parter

Symposium

Growth, maturation and ageing

Chair: Jadwiga Charzewska, Warsaw University of Physical Education,
Poland

Abstract Number

- 9:00 Advancement in the somatic development of 6-year old children in the period 1938-2010 **146**
ŻARÓW Ryszard, CHRZANOWSKA Maria, GOŁĄB Stanisław, **BRUDECKI Janusz**, KOWAL Małgorzata, SOBIECKI Jan and WORONKOWICZ Agnieszka
University School of Physical Education in Kraków, Kraków, Poland
- 9:15 Growth of children during periods of socioeconomic change in Lithuania, 1990-2008 (longitudinal study) **123**
SUCHOMLINOV Andrej and TUTKUVIENE Janina
Vilnius University, Vilnius, Lithuania
- 9:30 Changes in the somatotype of Hungarian children during the last 20 years **145**
ZSÁKAI Annamária and BODZSÁR Éva B.
Eötvös Loránd University, Budapest, Hungary
- 9:45 Pubertal spurt in height between ethnic groups and between generations **118**
SINIARSKA-WOLAŃSKA Anna, GOŁĄB Stanisław and KOZIEŁ Sławomir
Cardinal Stefan Wyszyński University, Warszawa, Poland
- 10:00 The effects of sexual maturation status on psychosocial development **51**
KARKUS Zsolt, ZSÁKAI Annamária and BODZSÁR Éva B.
Eötvös Loránd University, Budapest, Hungary

10:30 Coffee break

11:00-13:00 Keynote lectures

13:00 Lunch Council Meeting

Monday, 30 August, 2010

14:30-15:30

Free Communications

Lecture Hall A

Symposium Application of evolution to human health

Chair: Winfried Henke, Johannes Gutenberg University, Mainz, Germany

Abstract Number

- 14:30 The evolution of middle childhood: implications for the appearance of human cognitive complexity **75**
MANN Alan and MONGE Janet
Princeton University, Princeton, United States
- 14:45 Age related variability of buccal dental microwear patterns in *H. heidelbergensis*, *H. neanderthalensis* and *H. sapiens* fossil specimens from Europe **99**
PINILLA Beatriz and PÉREZ-PÉREZ Alejandro
University of Barcelona, Barcelona, Spain
- 15:00 GST Omega class gene variations among ethnic groups from Ecuador: Cayapas, Colorados and Afro-Ecuadorians **101**
POLIMANTI Renato, PIACENTINI Sara, DE ANGELIS Flavio, DE STEFANO Gian Franco and FUCIARELLI Maria
University of Rome "Tor Vergata", Rome, Italy
- 15:15 Sexual strategy and woman's prenatal investment allocated into progeny - testing "hunting for good genes" hypothesis **93**
PAWŁOWSKI Bogusław and ŻELAŻNIEWICZ Agnieszka
Wrocław University; Polish Academy of Sciences, Wrocław, Poland

15:30-17:00 Poster sessions

18:00-20:00 Welcome Reception at the Municipal Office

Monday, 30 August, 2010

14:30-15:30 Free Communications Lecture Hall Parter

Symposium Growth, Maturation and Ageing

Chair: Koichi Nariyama, Osaka Sangyo University, Japan

Abstract Number

- 14:30 Assessment of the BMI, WHR and W/Ht in pre- and postmenopausal women **119**
SKRZYPCZAK Magdalena, SZWED Anita, PAWLIŃSKA-CHMARA Romana and SKRZYPULEC Violetta
Adam Mickiewicz University, Poznań, Poland
- 14:45 Osteoarthritis in longevity populations **50**
KALICHMAN Leonid, KOROSTISHEVSKY Michael, BATSEVICH Valery and **KOBYLIANSKY Eugene**
Tel Aviv University, Tel Aviv, Israel
- 15:00 Gender differences in active aging, health status and self perceived health in Spanish elderly **82**
MONTERO LOPEZ Pilar, **RODRÍGUEZ LOPEZ Santiago**, FERNÁNDEZ-BALLESTEROS Rocío and ZAMARRÓN María Dolores
Autonomous University of Madrid, Madrid, Spain
- 15:15 Are life satisfaction and happiness proximate factors of grandparenthood? An analysis using data from the German Aging Survey **91**
PASHOS Alexander
Free University Berlin; University of Heidelberg, Berlin, Heidelberg, Germany

15:30-17:00 Poster sessions

18:00-20:00 Welcome Reception at the Municipal Office

17th Congress of the European Anthropological Association
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Scientific Programme

Tuesday, 31 August, 2010

Keynote session

Chair: Robert M. Malina, University of Texas at Austin, USA

Aula Maior

11:00 Human disease ecology – environment, health and
past populations

SCHUTKOWSKI Holger

University of Bradford, UK

12:00 Symptom experience at menopause as an aspect of
human variation

SIEVERT LEIDY Lynnette

University of Massachusetts Amherst, USA

Tuesday, 31 August, 2010

9:00-10:30

Free Communications

Lecture Hall A

Symposium Health of the past human populations

Chair: Rimantas Jankauskas, Vilnius University, Vilnius, Lithuania

Abstract Number

- 9:00 The dynamics of morbidity and mortality in the past – an example from Tirup **10**
BOLDSSEN Jesper L.
University of Southern Denmark, Odense, Denmark
- 9:15 Tuberculosis in medieval Denmark **48**
JØRGENSEN Louise Vigen
University of Southern Denmark, Odense, Denmark
- 9:30 Enamel hypoplasia in socially stratified Early Modern urban samples from Lithuania **79**
MILIAUSKIENE Zydruone and JANKAUSKAS Rimantas
Vilnius University, Vilnius, Lithuania
- 9:45 Does human sexual dimorphism influence fracture frequency patterns? **87**
NIELSEN Jonna
University of Southern Denmark, Odense, Denmark
- 10:00 Human Teeth Remains of the Early Upper Paleolithic in the Üçağızlı Cave (Hatay, Turkey) **114**
SAVAŞ GÜLEÇ Erksin, BAYKARA İsmail, ÖZER İsmail, SAĞIR Mehmet, YILMAZ Hakan and CEM ERKMAN Ahmet
Ahi Evran University, Kırşehir, Turkey
- 10:15 Deep roots of Terqa (Syria) – anthropological analysis of the osteological material from an ancient tomb (Early Bronze Age) **131**
TOMCZYK Jacek, JĘDRYCHOWSKA-DAŃSKA Krystyna, PŁOSZAJ Tomasz and WITAS Henryk W
Cardinal Stefan Wyszyński University, Warsaw, Poland

10:30 Coffee break

12:00-13:00 Keynote lectures

13:00 Lunch

Tuesday, 31 August, 2010

9:00-10:30 Free Communications Lecture Hall Parter

Symposium Applied anthropology and health

Chair: Elena Godina, Moscow State University, Moscow, Russia

Abstract Number

- 9:00 Referral rates for consecutive growth measurements in young children **111**
ROELANTS Mathieu, HOPPENBROUWERS Karel and HAUSPIE Roland
Vrije Universiteit Brussel and Centre for Youth Health Care, Katholieke Universiteit Leuven, Belgium
- 9:15 A Body Proportion Chart for growth of stature, sitting height and lower limb length in children and adolescents **113**
SATAKE Takashi, HIROHARA Toshie and HATTORI Komei
Nihon University School of Dentistry at Matsudo, Japan
- 9:30 Association of functional polymorphism of GST genes in Italian asthmatic children **97**
PIACENTINI Sara, POLIMANTI Renato, CONIDI Silvia, MANZO Laura, BOTTINI Egidio, GLORIA-BOTTINI Fulvia and FUCIARELLI Maria
University of Rome Tor Vergata, Rome, Italy
- 9:45 Time – related trends in age of menarche of girls living in polluted areas **120**
SŁAWIŃSKA-OCHLA Teresa and IGNASIAK Zofia
University School of Physical Education in Wrocław, Poland
- 10:00 How do boys with Attention Deficit Hyperactivity Disorder grow? Verification of disorder related suppression and acceleration of growth hypotheses **39**
HANĆ Tomasz, CIEŚLIK Joachim, WOLAŃCZYK Tomasz and GAJDZIK Monika
Adam Mickiewicz University, Poznań, Poland

10:30 Coffee break

11:00-13:00 Keynote lectures

13:00 Lunch

16:00-21:00 Visit to Dziekanowice open-air museum

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Scientific Programme

Wednesday, 1 September, 2010

Keynote session

Chair: Gian Franco De Stefano, University of Rome "Tor Vergata",
Italy

Aula Maior

11:00 From the diagnosis of skeletal lesions within past
populations to health reconstruction

TILLIER Anne-Marie

University of Bordeaux, France

12:00 Factors affecting growth at adolescence in the 21st
century

CAMERON Noël

Loughborough University, UK

Wednesday, 1 September, 2010

9:00-10:30

Free Communications

Lecture Hall A

Symposium Health of the past human populations

Chair: Jesper Boldsen, Southern Denmark University, Odense, Denmark

Abstract Number

- 9:00 Morphometric and social status correlations in recently excavated Lithuanian 15-18 c.c. skeletal samples **46**
JANKAUSKAS Rimantas and MILIAUSKIENĖ Žydrūnė
Vilnius University, Vilnius, Lithuania
- 9:15 On certain problems with sex-determination in human skeletal biology **96**
PETERSEN Hans Christian, SÜß Heike and ALT Kurt W
University of Southern Denmark, Odense, Denmark
- 9:30 New recommendations for estimating subadult age-at-death based on bone growth and maturation. Applications in Osteoarchaeology and Forensic Anthropology **109**
RISSECH Carme, MÁQUEZ-GRANT Nicholas and TURBÓN Daniel
University of Barcelona, Barcelona, Spain
- 9:45 Growth of the tibia. Repercussions on age and sex determination **70**
LÓPEZ-COSTAS Olalla, RISSECH Carme and TURBÓN Daniel
University of Santiago de Compostela; Granada University, Spain
- 10:00 How old was 'Geriatric'? Estimating age from old skeletons with Calibrated Expert Inference **138**
WEISE Svenja, BOLDSSEN JL, GAMPE J and MILNER GR
University of Southern Denmark, Odense, Denmark
- 10:15 German medieval cemetery in Brno, Czech Republic: Preliminary results of anthropological analysis **144**
ŽIVNÝ Michal
University of Ostrava, Ostrava, Czech Republic

10:30 Coffee break

11:00-13:00 Keynote lectures

13:00 Lunch Board Meeting

Wednesday, 1 September, 2010

9:00-10:30

Free Communications

Lecture Hall Parter

Symposium

Applied anthropology and health

Chair: Rosario Calderon, Complutense University of Madrid, Madrid, Spain

Abstract Number

- 9:00 Genome response to ionizing radiation exposure in a sample of long haul pilots **24**
De STEFANO Gian Franco, FUCIARELLI Maria, PIACENTINI Sara and ROMANO E
University of Rome Tor Vergata, Rome, Italy
- 9:15 Assessment of the biological condition of adult patients with cystic fibrosis - longitudinal studies **56**
KOSIŃSKA Magdalena, SZWED Anita and GOŹDZIK Joanna
Adam Mickiewicz University, Poznań, Poland
- 9:30 Detrimental effect of rural environment on blood pressure in rural-urban males migrant in Wrocław, Poland **57**
KOZIEŁ Sławomir, LIPOWICZ Anna and ULIJASZEK Stanley
Wrocław University; Polish Academy of Sciences, Wrocław, Poland
- 9:45 Intra and intergenerational social mobility in relation to height variation in a British National Cohort **63**
KRZYŻANOWSKA Monika
Wrocław University, Wrocław, Poland
- 10:00 Body size in polycystic ovary syndrome (PCOS) women (pilot study) **141**
ZABULIENE Lina and TUTKUVIENE Janina
Vilnius University, Vilnius, Lithuania
- 10:15 APOE gene polymorphism and diet quality: a pilot study on gene-environment interaction in the modulation of cardiovascular risk **108**
RINALDI Marianna, GALLONE Salvatore, SALIS Nadia and RABINO MASSA Emma
University of Turin, Italy

10:30 Coffee break

11:00-13:00 Keynote lectures

13:00 Lunch Board Meeting

Wednesday, 1 September, 2010

14:30-16:00

Free Communications

Lecture Hall A

Symposium

Miscellany

Chair: Daniela Siváková, Comenius University, Bratislava, Slovak Republic

Abstract Number

- 14:30 Pathogen-mediated selection of the human leukocyte antigens (HLA) in north-western Ecuador and its phylogenetic application **23**
De ANGELIS Flavio, BATTISTINI Andrea, GARZOLI Alessia, IORIO Andrea and De STEFANO Gian Franco
University of Rome Tor Vergata, Rome, Italy
- 14:45 The presence and diversity of mtDNA macrohaplogroup UK in Andalusia (Spain) reveal distinctive genetic influences from North Africa and other more distant Mediterranean human populations **41**
HERNANDEZ Candela, AMBROSIO Beatriz, DUGOUJON Jean Michel, NOVELLETTO Andrea, RODRIGUEZ Juan Nicolas, CUESTA Pedro and CALDERON Rosario
Complutense University of Madrid, Spain
- 15:00 The genetic relationships of the Slavic and other Caucasoid populations according to anthropological and genetical data **86**
NAZAROVA Ariadna
Russian Academy of Sciences, Moscow, Russia
- 15:15 Task Orientation and Intrinsic Motivation of Elite-Junior Soccer Players in the Hungarian Sport Talent Care Program **124**
SZABO Attila, SZABO Tamás, PIGNITZKY Dorottya, PÁPAI Júlia, TRÓZNAI Zsófia, VELENCZEI Attila and KOVÁCS Árpád
Eötvös Loránd University, Budapest, Hungary
- 15:30 Physical activity of teenage (non) members of sports club **110**
ROBIČ Tatjana, ŠTERLINKO-GRM Helena, BESEDNJAK-KOCIJANČIČ Lilijana and GOLJA Petra
University of Ljubljana, Ljubljana, Slovenia
- 15:45 Morphofunctional characteristics of students from Mongolian universities: ecological, secular and genetic aspects **32**
GODINA Elena and LHAGVASUREN Gundegmaa
Moscow State University, Russia
- 16:00 Coffee break
- 16:30-18:00 Poster sessions
- 20:00-2:00 Gala Dinner

Wednesday, 1 September, 2010

14:30-16:00

Free Communications

Lecture Hall Parter

Symposium

Growth and quality of life in adolescence

Supported by a grant from Iceland, Liechtenstein and Norway through the EEA Financial Mechanism and the Norwegian Financial Mechanism



Chair: C.G.Nicholas Mascie-Taylor, Cambridge University, UK

Abstract Number

- 14:30 The variation in age at menarche: an indicator of historic developmental tempo **66**
LEHMANN Andreas, SCHEFFLER Christiane and HERMANUSSEN Michael
Humboldt University of Berlin, Berlin, Germany
- 14:45 Gender differences in changes of body size, body image and self-esteem during the puberty **133**
TUTKUVIENE Janina
Vilnius University, Vilnius, Lithuania
- 15:00 Physical activity and adiposity in adolescents **15**
CHARZEWSKA Jadwiga, PASTUSZAK Anna, LEWANDOWSKA Joanna and PIECHACZEK Henryk
Warsaw University of Physical Education, Warsaw, Poland
- 15:15 Living conditions, lifestyles and health of Polish adolescents **49**
KACZMAREK Maria, DURDA Magdalena, HANĆ Tomasz, SKRZYPCZAK Magdalena, KRZYŻANIAK Alicja, KRZYWIŃSKA-WIEWIOROWSKA Małgorzata and STAWIŃSKA -WITOSZYŃSKA Barbara
Adam Mickiewicz University, Poznań, Poland
- 15:30 "Life without English?!": a Polish - Norwegian comparative study into the roles of English in the adolescent use of the Internet **116**
SEIP TØNNESEN Elise and **ANIOŁ Magdalena**
Adam Mickiewicz University, Poznań, Poland
- 16:00 Coffee break
- 16:30-18:00 Poster sessions
- 20:00-2:00 Gala Dinner

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Scientific Programme

Thursday, 2 September, 2010

Keynote session

Chair: Barbara Hulanicka, University of Wrocław, Poland

Aula Maior

11:00 Cultural dimensions of health and illness from the
perspective of cultural anthropology

PENKALA-GAWĘCKA Danuta

Adam Mickiewicz University, Poznań, Poland

Thursday, 2 September, 2010

9:00-10:30

Free Communications

Lecture Hall A

Symposium

Miscellany

Chair: Savaş Güleç Erksin, Ahi Evran University, Ankara, Turkey

Abstract Number

- 9:00 The implications regarding the phylogenetic position of the Petralona human skull **102**
POULIANOS Nickos A.
Anthropological Association of Greece, Ministry of Culture, Ephorate of Palaeoanthropology, Athens, Greece
- 9:15 Pleistocene violence at the cave site of Apidima, South Peloponnese, Greece **100**
PITSIOS Theodoros and ZAFIRI Vasiliki
Medical School of Athens University, Athens, Greece
- 9:30 The comparison of goniometry technique and digital plantographic method in the body posture estimation **45**
IVANOVA Elena and KHOMYAKOVA Irina
Moscow State University, Moscow, Russia
- 9:45 The anthropology of tooth extraction **81**
MORGAN Johanna and ALT Kurt W.
Johannes Gutenberg University, Mainz, Germany
- 10:00 The Drama – reconstructing the cause of events in a medieval homicide
TOSINI Antonio, TORINO Marielva, **BOLDSEN Jesper L.** and TARP Peter
University of Southern Denmark, Odense, Denmark
- 10:30 Coffee break
- 11:00-12:00 Keynote lectures
- 12:00 General Assembly
Official Closing of the Congress
Prizes awarded for the best poster presentations

Thursday, 2 September, 2010

9:00-10:30 Free Communications Lecture Hall Parter

Symposium Growth, maturation and ageing

Chair: Mathieu Roelants, Free University of Brussels, Brussels, Belgium

Abstract Number

- 9:00 Growth dynamics of somatic traits from the viewpoint of semi-longitudinal studies **6**
BLÁHA Pavel, SEDLAK Petr, BRABEC Marek and VIGNEROVÁ Jana
Charles University, Prague, Czech Republic
- 9:15 Fat pattern of athletes and non-athletes during puberty **90**
PÁPAI Julia, TRÓZNAI Zsófia, SZABÓ Tamás and SZABÓ Attila
National Institute for Sport Talent Care and Sport Service, Budapest, Hungary
- 9:30 Differences in body build, maturation and nutritional habits of adolescent girls from orphanages and birth families **35**
GRZELAK Joanna, MIKULSKA Ewa and SINIARSKA Anna
Cardinal Stefan Wyszyński University, Warsaw, Poland
- 9:45 Somatic differentiation of children and youths from the West Pomeranian district, Poland **134**
UMIASTOWSKA Danuta and SZCZEPANOWSKA Ewa
University of Szczecin, Szczecin, Poland
- 10:00 Sexual dimorphism in the process of deciduous dentition **147**
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University of Łódź, Łódź, Poland
- 10:30 Coffee break
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- 12:00 General Assembly
Official Closing of the Congress
Prizes awarded for the best poster presentations

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Scientific Programme

Poster Presentations

Monday, 30 August, 2010

15:30-17:00

Poster Contest

Grand Hall Ground floor

Best Poster Award Committee CG Nicholas Mascie Taylor – Chair

Esther Rebato, Rimantas Jankauskas, Holger Schutkowski - Members

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C2	Comparative analysis of skeletal sexual dimorphism in two Danish, medieval, regional populations 20 DAHL PEDERSEN Pernille University of Southern Denmark, Odense, Denmark	
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C4	Cholera and typhoid fever in 19th century "Bielitzer Zion" 140 WRĘBIAK Arkadiusz Jagiellonian University, Kraków, Poland	
C5	Does the DSP-method help determine regional variation in Human Sexual dimorphism? An analysis based on material from two Danish middle-aged cemeteries 139 WESTH HANSEN Ida University of Southern Denmark, Odense, Denmark	
C6	A palaeoserological study of inhabitants of pre-charter period Kraków by means of absorption-elution and hemagglutination inhibition methods with respect to anthropological research 58 KOZŁOWSKA Anna Jagiellonian University, Kraków, Poland	
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Poster Presentations

Grand Hall Ground Floor

Symposium Application of evolution to human health

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CLAVERO Ana, TRANCHO Gonzalo and TURBÓN Daniel
University of Barcelona, Barcelona, Spain

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- 18 Longitudinal BMI percentile curve for maturity type of Japanese children **80**

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Osaka Sangyo University, Japan

- 19 Growth pattern in children living in different socio-economical conditions (Hungary) **42**

HORNYÁK Gábor, ZSÁKAI Annamária and BODZSÁR Éva
Eötvös Loránd University, Budapest, Hungary

- 20 Early adiposity rebound in girls from Kraków, Poland **17**

CICHOCKA Barbara Anna, WORONKOWICZ Agnieszka, KOWAL Małgorzata, SOBIECKI Jan and KRYSZT Łukasz
University School of Physical Education in Kraków, Kraków, Poland

- 21 Overweight increase in children 6-11 years old in Piedmont (Northern Italy) **71**

LORÈ Alessia, ZANON Francesca, **MICHELETTI CREMASCO Margherita** and FUBINI Enrica
Turin University, Torino, Italy

- 22 Secular changes in the body dimensions and proportions of Budapest children and adolescents **43**

HRICISÁK László, ZSÁKAI Annamária and BODZSÁR Éva B.
Eötvös Loránd University, Budapest, Hungary

- 23 Secular trends in growth processes of Moscow children over the last 20 years **52**

KHOMYAKOVA Irina, **ZUBAREVA Vera** and GODINA Elena
Moscow State University, Moscow, Russia

- 24 Variations of body fat development at Arkhangelsk girls for the last 20 years **95**

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- 29 Growth and menarche in children with juvenile idiopathic arthritis (JIA) **135**
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- 31 Choices and adaptations of instruments to measure anthropometric and biomechanical parameters in a survey on elderly people (Project “*Act on Ageing*” sponsored by Piedmont Region-Italy) **78**
MICHELETTI CREMASCO Margherita and LORÈ Alessia
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- 32 Body composition analysis in Turkish elderly living in nursing homes **37**
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 Ankara University, Ankara, Turkey

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Symposium

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43	Body Fat Representation in Relation to Sports Performance of Soccer Players KUTÁČ Petr University in Ostrava, Ostrava, Czech Republic	65
44	Somatotype variables related to muscle torque and power in judoists LEWANDOWSKA Joanna , BUSKO Krzysztof, PASTUSZAK Anna and BOGUSZEWSKA Katarzyna Warsaw University of Physical Education, Warsaw, Poland	67
45	ACTN3 and ACE genotype of elite Italians sprint/power oriented athletes MASSIDDA Myosotis, CALÒ Carla Maria, CORRIAS Laura, SCORCU Marco and VONA Giuseppe University of Cagliari, Italy	76
46	Association between physical activity and radius bone density in young women PASTUSZAK Anna , CHARZEWSKA Jadwiga and LEWANDOWSKA Joanna Warsaw University of Physical Education, Warsaw, Poland	92
47	Structural basis of motor abilities in school children PIETRASZEWSKA Jadwiga , BURDUKIEWICZ Anna, STACHOŃ Aleksandra, ANDRZEJEWSKA Justyna and CHROMIK Krystyna University School of Physical Education in Wrocław, Wrocław, Poland	98
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- 50 Body composition and BMI of 13 year old girls from the region of Moravia **26**
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- 52 Weight status and its association with lifestyle in children from Jena, Germany **60**
KROMEYER-HAUSCHILD Katrin and ZELLNER Konrad
University Hospital Jena – Friedrich Schiller University Jena, Germany
- 53 The association between physical activity and body composition parameters in overweight and obese women of Olomouc region Czech Republic **104**
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- 54 The influence of cognitive behavioural psychotherapy on changes of body composition according to the bioelectric impedance method in obese women from Olomouc region **106**
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Poster Presentations

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- 2 New age indicators expanding the range of bones useful for age assessment **129**
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University of Southern Denmark, Odense, Denmark
- 3 Mandibular permanent second molar with four roots in an ancient Anatolian population **30**
ERKMAN Ahmet Cem, **BEKTAŞ Yener**, ARIHAN Seda Karaöz and CIRAK Asuman
Ankara University, Ankara, Turkey
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- 6 Long Bone Traumatic Lesions in the Medieval Population of Feldioara, Braşov County, Romania **84**
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University of Bucharest, Bucharest, Romania; Institute of Archaeology "Vasile Pârvan", Bucharest, Romania; CUFR "J.F. Champollion", Albi, France
- 7 Paleopathological analysis of human skeletal remains from Kendirci Hellenistic Period graves, Turkey **89**
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- 8 A case of cranial trephination in the Neapolitan area **132**
TORINO Marielva, LIVADIE Claude and PARISI Paolino
University of Suor Orsola Benincasa, Naples, Italy
- 9 Diseases, health status and mortality in urban and rural environments: The case of Catholics and Lutherans in 19th-century Greater Poland **68**
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- 10 Intra-individual variability of stable oxygen isotopes and diagenetic signals from ancient human remains **128**
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Jagiellonian University; Kraków, Poland

Symposium Health determinants, measurements and trends

- 11 Evaluation of arm anthropometry in Turkish adults **53**
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LIPOWICZ Anna
Polish Academy of Sciences, Wrocław, Poland
- 13 The changes in body build of the students of University School of Physical Education in years 1968-2008. Is a secular trend observed? **121**
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University School of Physical Education in Wrocław, Wrocław, Poland
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Polish Academy of Sciences, Wrocław, Poland

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Gallery First Floor

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Health and quality of life in adolescence

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- 15 Evaluation of nutritional knowledge of school children about milk and diary products **8**
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University of Agriculture in Krakow, Poland
- 16 The assessment of nutritional habits in adolescents from Malopolska Region, Poland **36**
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Karol Marcinkowski University of Medical Science, Poznań, Poland

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Symposium Applied anthropology and health

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34 Relation between selected morphological traits, fat distribution and respiratory function in adult women CZAPLA Zbigniew and BARŁÓG Elżbieta Adam Mickiewicz University, Poznań, Poland	20
35 Obesity state and life quality of women treated due to breast cancer CZERNIAK Urszula , DEMUTH Anna and SKRZYPCZAK Magdalena University School of Physical Education in Poznań, Poland	21
36 Subjective body estimation of middle-aged men and women DEMUTH Anna , CZERNIAK Urszula and ZIÓŁKOWSKA-ŁAJP Ewa University School of Physical Education in Poznań, Poland	25
37 Relations between chosen motor abilities and morphologic characteristics of young men and women – longitudinal research DROZDOWSKI Marek and ZIÓŁKOWSKA – ŁAJP Ewa University School of Physical Education in Poznań, Poland	28
38 Characteristics and effects of physical activity in relation to gender and education level in people from a small Polish town GÓRNIK Katarzyna , SZCZEPANOWSKA Ewa, and MATUSZEWSKA Agnieszka University of Szczecin, Szczecin, Poland	33
39 Overall fat percentage and fat distribution among young volleyball players KRZYKAŁA Magdalena , DEMUTH Anna and CZERNIAK Urszula University School of Physical Education in Poznań, Poland	61
40 Cytochrome P450 1B1 Leu 432 Val polymorphism and plasma lipid levels in a pre- and postmenopausal Slovakian women LUPTÁKOVÁ Lenka , SIVÁKOVÁ Daniela and ŠRÁMEKOVÁ Dagmara Comenius University, Bratislava, Slovak Republic	72

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AMBROSIO Beatriz, HERNANDEZ Candela, NOVELLETTO Andrea, DUGOUJON Jean Michel, RODRIGUEZ Juan Nicolas, CUESTA Pedro, **CALDERON Rosario**
Complutense University of Madrid, Madrid, Spain
- 56 DNA-based sex determination in fragmented children and undeterminable skeletal remains from burial site The South Outer Precinct (Pohansko near Breclav) **7**
BOBEROVA Katerina and DROZDOVÁ Eva
Masaryk University, Brno, Czech Republic
- 57 Changes in fertility patterns and reproductive behaviours in Polish rural areas **11**
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Adam Mickiewicz University, Poznań, Poland
- 58 The assessment of the development of newborns in the bigeminal pregnancy - conceived in vitro and twins conceived naturally **18**
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University School of Physical Education in Poznań, Poland
- 59 Anthropological reconstruction of early medieval population from micro-region Haraska river basin (South Moravia, Czech Republic) **27**
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Masaryk University, Brno, Czech Republic
- 60 A differentiation within the population of Orawa in the light the anthropological structure of the region **34**
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Jagiellonian University, Kraków, Poland
- 61 Sex determination from human head and face measurements and photographs using discriminant analysis **38**
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Ankara University, Ankara, Turkey

- 62 Common genetic and environmental factors among anthropometric phenotypes **47**
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University of the Basque Country, Bilbao, Spain
- 63 Skeletal remains found in settlement pits at localities belonging to Únětice culture in the Czech Republic **54**
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Masaryk University, Brno, Czech Republic
- 64 Plesiomorphic features of the *M. rhesus* and *M. cynomolgus* temporal bone and the skull base at early development stages **47**
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- 65 Looking at the Basics – diagnosis of sex and age from archaeological skeletons **85**
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- 66 The analysis of ventral shape differences of Ottoman period skulls using geometric morphometric method **112**
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- 67 Anthropological characteristic of Čadca Highlanders' descendants group from Romanian Bucovina **122**
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University School of Physical Education in Poznań, Poland

17th Congress of the European Anthropological Association
Poznań, Poland, 29 August – 2 September, 2010

Social Programme

Congress Opening Ceremony and Welcome Reception

Sunday, August 29th, 2010

17:00-21:00

Adam Mickiewicz University Aula, Wieniawskiego 1

All registered participants are invited to the Congress Opening Ceremony followed by Welcome Reception. This informal and relaxed event is ideal for catching up with old friends as well as making new ones at the beginning of the congress.

Welcome Reception at the Poznań Municipal Office

Monday, August 30th, 2010

18:00-20:00

Municipal Office, Sala Biała, Plac Kolegiacki 17

On Monday you are cordially invited to attend a reception hosted by the Mayor of the City of Poznań, Mr Ryszard Grobelny.

Poznań is the fifth largest cities in Poland, an important center of business, education and culture. It is a high class venue, recently hosting the COP14 conference and getting ready for EURO 2012.

The city of Poznań is of very long academic tradition, and the Adam Mickiewicz University, the third ranked in Poland, with its hundred years old history and 50 000 students currently, plays leading role among high schools in Poznań.

**Get together of "EAA"
and enjoy a bit of tradition from the Wielkopolska Region**

Tuesday, 31 August, 2010

16:00-21:00

Meeting point for the bus transfers is Plac Mickiewicza opposite to the University Aula at 16:00 o'clock. Bus transfer lasts approx. one hour. Bus will leave Dziekanowice at 21:00. All colleagues who registered for this event are requested to confirm their participation. It will be available at the registration desk.

Wielkopolski Park Etnograficzny Dziekanowice is an open-air museum of rural architecture from the Wielkopolska region. Open to the public 35 years ago, this park features a collection of old houses and buildings. Most of them come from 17-18 century AD. We will visit manor house, church, the farmer living quarter, pub. I hope, you will see craftspeople at work. The approx. one hour tour will be followed by barbecue. There will be a group of folk artists singing and dancing traditional folks from the Wielkopolska region. You can join them. We expect to have a lot of fun!

Gala Dinner

Wednesday, 1 September, 2010

20:00-2:00

Brovaria Restaurant, Stary Rynek 73, 74.

All registered participants are invited to Gala Dinner. This is a most elegant way to bid farewell. The restaurant's Polish cuisine and home-brew beer will add up to the pleasant ambience. We believe, there will be enough time for drinking, dancing and socializing amongst friends and colleagues.

You are kindly requested to be dressed formally during all but the Get together "EAA" social events.

Information for Speakers

Invited and Free Communications Speakers

Projections will be possible via overhead transparencies and PC. The presentation should be handed to the organizer on the following media: CD-ROM, DVD-ROM, Windows XP compatible USB-Memory Sticks. Speakers may supply their own laptop computer as a back-up. Permitted file formats - FAT/NTFS. Please note that you cannot use the Mackintosh format.

Permitted programmes - Microsoft Powerpoint (up to version 2007 standard).

Please use only window's standard fonts, to prevent converting variations.

The files should be taken to the media check-in not later than 30 minutes before the start of your session (not your lecture). This is due to start in order to get the presentations checked and if necessary converted for saving on another media. Previewing is available in the session room 30 minutes before the beginning of the session.

Time allocated to the keynote lecture is 45 minutes followed by 5-10 minutes of discussion.

Time allocated to the free communication is 15 minutes including 2-3 minutes of discussion.

Speakers are kindly requested to keep strictly to the speaking time. Chairpersons will interrupt the speakers when the time is over.

Information for Poster Presenters

All scientific posters may be displayed throughout the Congress from Monday, 30 August, 9:00 to Thursday, 2 September, 11:00.

Posters are displayed in the Grand Hall (on the ground floor) and its Gallery (on the first floor).

Please refer to this Programme book for the poster board number assigned to you.

All posters should be mounted on Monday morning. Pins for mounting the poster will be available at your poster board. Volunteer students will be present during the mounting times, should you require any help.

The official Poster Viewing takes place on Monday, August 31st, 15:30-17:00 and on Wednesday, September 1st, 16:30-18:00.

All Poster Presenters are requested to stand by their poster board during that period and to answer the questions of the congress participants.

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Best Posters

The Award Committee will view all candidate posters on Monday, 31st August, 15:30-17:00 and will decide on the recipient of prizes. They will be announced and prizes will be awarded for the best posters at the Closing Ceremony on Thursday, September 2nd, 2010 at 12:00-13:30 h.

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General Information

Venue

Adam Mickiewicz University,

Collegium Biologicum, ul. Umultowska 89

Keynote lectures will be held in the lecture hall Aula Maior situated on the ground floor

Congress' symposia will be held in the lecture hall Parter on the ground floor and the lecture hall A situated on the first floor

Posters will be displayed in the Grand Hall on the ground floor and its Gallery on the first floor

The Opening Ceremony and Reception will be held in the University Aula in Collegium Minus, ul. Wieniawskiego 1.

Getting to and from the UAM campus

Arrivals

If you arrive by air, you have two possibilities to get the center either by taxi or by bus.

There are two bus lines:

No 59 BAŁTYK - Bukowska - LOTNISKO ŁAWICA; a regular city line; stops in front of terminal; to get to the airport takes 30-45 min however in a rush time it may take more than one hour; the bus runs Mon-Fri every 30 min, Sat-Sun every 45 min; tickets MPK (as for other municipal transportations 2-3 PLN)

No L DWORZEC GŁÓWNY - BAŁTYK - POLNA/SZPITALNA - LOTNISKO ŁAWICA; a special line to the airport with only three stops Railway Station-Bałtyk near hotel Sheraton-Szpitalna-Airport Ławica; to get to the airport takes 30-45 min however in a rush time it may take about one hour; the bus runs Mon-Fri every 30 min, Sat-Sun every 45 min; tickets double price of the MPK tax.

If you arrive by train and stay in the University hostel Jowita you may walk (if your luggage is not too heavy) as the railway station is situated in a walking distance from the city center (walk takes approx. 10 min to 20 min, it depends on your physical condition and the weight of luggage you have to carry).

If you arrive by car use GPS to find the place you have booked for your stay during the conference. Please note there is no parking place around the University Hostel Jowita

Getting to and from the Congress Venue, Collegium Biologicum, Umultowska 89

All Congress participants will receive a free municipal transportation pass for the duration of the congress from Monday, 30 August, 2010 to Thursday, 2 September, 2010 (also valid for the bus No 59 to the airport Ławica). This is a hologram stuck on your name tag. However, please note that this free pass is only valid with a document of identity note (passport, identity card). Please be sure to present hologram on your name tag and identity document to checking officer on request. On Sunday you have to buy ticket in the machine. In Poznań transportation, the time-based system works. The price of ticket depends on time you need to reach the place. One way ticket to the Congress Venue costs 2 PLN if you start at Rondo Kaponiera.

The best way to get Collegium Biologicum is by tram. Take one of the four PST trams: No 12, 14, or 15 leaving from Rondo Kaponiera - the direction Osiedle Jana III Sobieskiego and tram No 16 leaving from Most Teatralny to the direction Osiedle Jana III Sobieskiego.

The tram stop Osiedle Jana III Sobieskiego is the terminal. Then you have to walk on pedestrian and cyclist pavement. After crossing the railway line you will see buildings of the University campus.

The returned direction to the city is Rondo Kaponiera. Take trams No 12, 14, and 15. If you take tram No 16 you have to get out at Most Teatralny.

The tram runs every 10 minute. The tram transfer from Rondo Kaponiera to Osiedle Jana III Sobieskiego takes 10-12 minutes and another 10-15 minutes for a walk, altogether 20-30 minutes.

For detailed info on tram and bus lines schedule please visit <http://www.mpk.poznan.pl> (choose English version).

The PST Map on page 51 of this brochure should help you to get the Congress Venue for the first time.

Please note that the city of Poznań is renovating for EURO 2012. New transportation lanes are built, others are rebuilt. It often causes some traffic difficulties. The road from the air-port to the city center is rebuilt now and it takes longer than usual to reach there. Please mind this when you plan your departure from Poznań.

We apologize for any inconvenience caused by this situation. It will be rewarded during EURO 2012. Come and see Poznań in 2012!

Time and Whether

Poznań is in the Central European Time Zone, one hour ahead of Greenwich Mean Time (GMT). As to whether, we hope it will be sunny but who knows? Please visit our webpage, navigation bar Useful info where whether forecast is available.

Registration

The registration desk is situated on the ground floor of the Congress Venue ul. Umultowska 89. It will be open at the following times:

Sunday, 29 August, 2010	12:00-16:00
Monday, 30 August, 2010	8:00-17:00
Tuesday, 31 August, 2010	8:00-13:00
Wednesday, 1 September, 2010	8:00-17:00
Thursday, 2 September, 2010	8:00-12:00

Registration will also serve as a cloakroom where you may leave your luggage or any other belonging.

Name Tags

Upon arrival at the congress participants will have received name tags. Please be sure to wear your name tag throughout the congress to all sessions and present for entry to social events.

Congress Bags

At the registration desk you will receive your congress bag. It will include among many others Book of Abstracts and Conference Programme, official invitations to social events, and lunch tickets.

Security and Safety

Participants are kindly requested do not leave bags and luggage unattended at any time whether inside or outside lecture halls.

Mobile Phones

Participants are kindly requested to keep their mobile phones switched off in the lecture hall.

Smoking Policy

Collegium Biologicum is a non-smoking area. Participants are kindly requested to refrain from smoking in the congress venue. The designated smoking area is outside the building.

Refreshments

Coffe break lasts 30 minutes. Coffee will be served to all Congress participants in the Ground Hall from Monday, 30 August to Thursday, 2 September at the times indicated in the Conference Programme.

Lunch break lasts 1.5 hour. Lunch will be served to all registered participants from Monday, 30 August to Wednesday, 1 September in the university canteen at the Politology Faculty building. This building is situated opposite to Collegium Biologicum, within a 3 minute walk. Three lunch tickets are provided in your conference bag. Participants who declared vegetarian preference are provided with right tickets.

Assistance

Following persons are getting ready to help you

Maria Kaczmarek: changes in the programme schedule; any other business
makac@amu.edu.pl

Urszula Czerniak: accommodation in the University Hostel Jowita
czerniak@awf.poznan.pl

Magdalena Skrzypczak: financial confirmations, invoices
maskrz@amu.edu.pl

Anita Szwed and Anna Wieczorek: social events
aniszwed@amu.edu.pl

Magdalena Durda: Council and Board meetings
mdurda@amu.edu.pl

Karolina Brzoska: presentation devices

Human Biology Students of the Faculty of Biology, Adam Mickewicz University, volunteers

Joanna Kalota, Anna Kubicka, Łukasz Kostecki, Sylwia Łukasik, Patrycja Mielczarek, Katarzyna Przybylska, Bożena Solska, Monika Szyszka, Sebastian Świerzewski : registration, mounting posters

Acknowledgements

The Organising Committee of the 17th Congress of the European Anthropological Association would like to express its gratefulness and acknowledge the following institutions for their generous support of the Congress

Adam Mickiewicz University

University School of Physical Education in Poznań

EEA Financial Mechanism and the Norwegian Financial Mechanism



Municipal Office

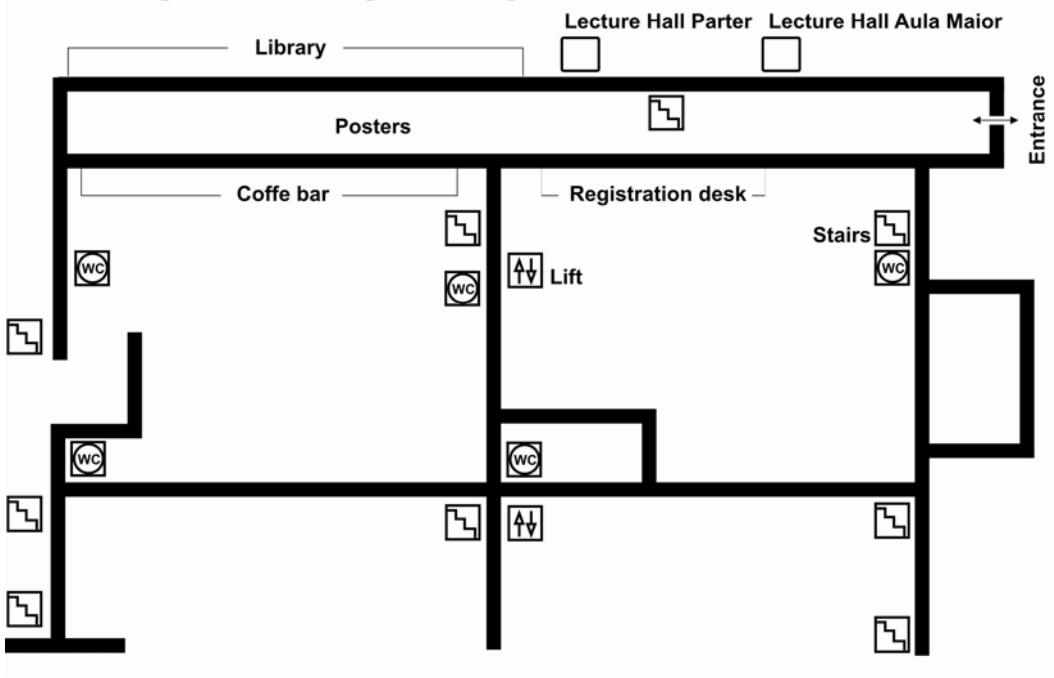
Marshal Office

Drukarnia PDP www.pdpdruk.pl

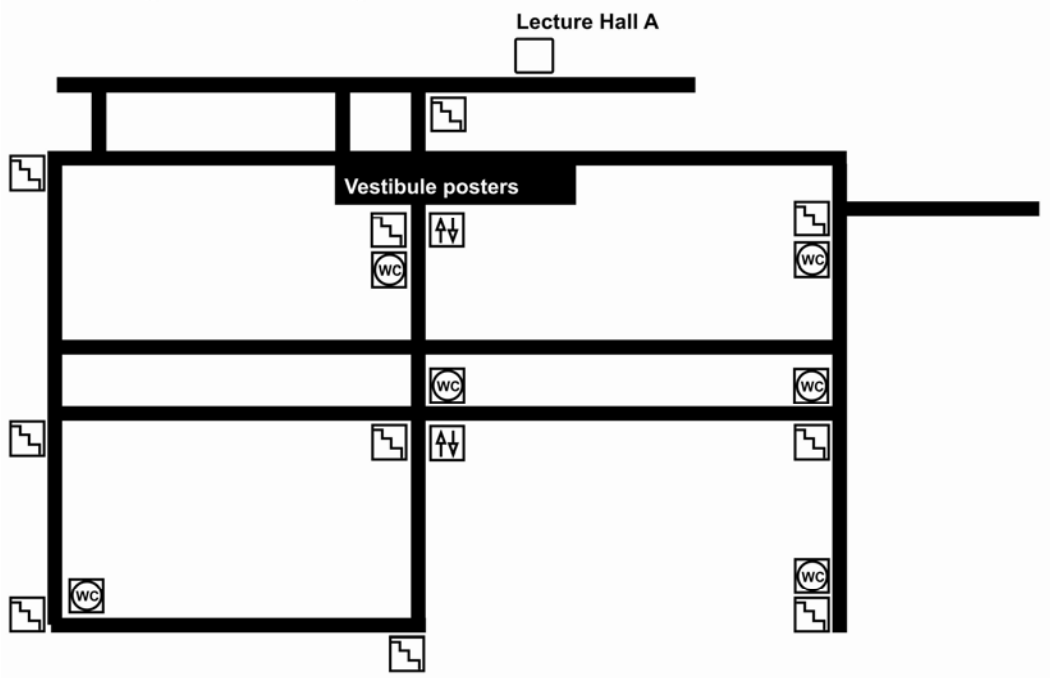
Museum of First Piast, Lednica

Site Map

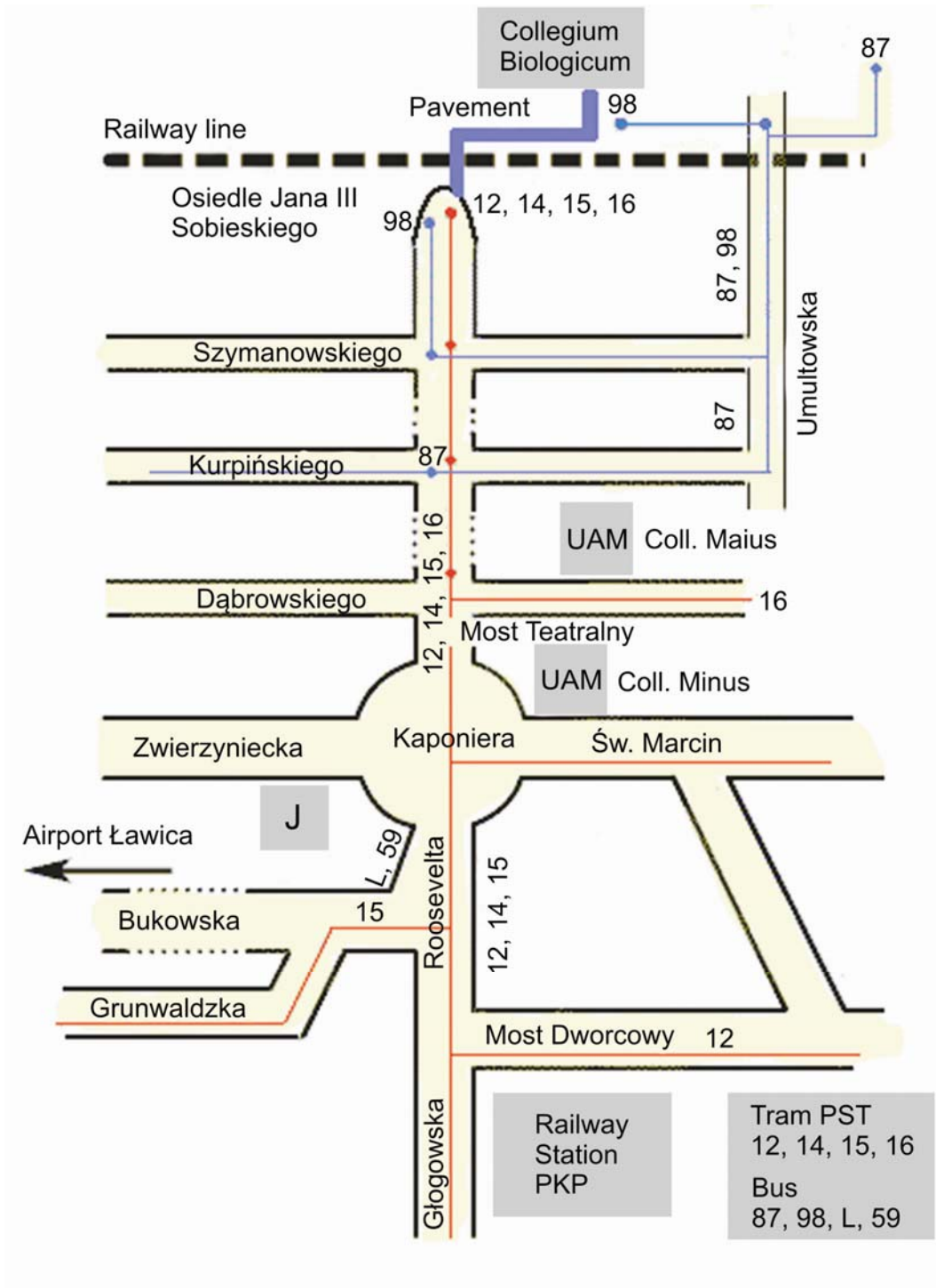
Collegium Biologicum: ground floor



Collegium Biologicum: first floor



PST Tram Map



J: the University Hostel Jowita

Congresses of the EAA

1	1977	Zagreb	Croatia	H.Maver & P.Rudan
2	1980	Brno	Czech Republic	J.Jelinek
3	1982	Petralona	Greece	A.Poulianos
4	1984	Florence	Italy	B.Chiarelli
5	1986	Lisbon	Portugal	M.E.Castro e Almeida
6	1988	Budapest	Hungary	O.G.Eiben
7	1990	Wrocław	Poland	T.Bielicki & B.Hulanicka
8	1992	Madrid	Spain	M-D Gerralda
9	1994	Copenhagen	Denmark	P.Bennike
10	1996	Brussels	Belgium	C.Susanne & R.Hauspie
11	1998	Jena	Germany	U.Jaeger
12	2000	Cambridge	United Kingdom	C.G.N.Mascie-Taylor
13	2002	Zagreb	Croatia	P.Rudan
14	2004	Komotini	Greece	N.Xirotiris
15	2006	Budapest	Hungary	É.Bodzsár
16	2008	Odense	Denmark	J.Boldsen
17	2010	Poznań	Poland	M.Kaczmarek

Honorary members of the EAA

1988	J.Jelinek†	Czech Republic
1988	G.Oliviert†	France
1990	D.Férenbacht†	France
1990	J.M.Tannert†	United Kingdom
1994	M.Prokopec	Czech Republic
1996	D.Roberts	United Kingdom
1996	O.G.Eiben†	Hungary