Programme

6th International Anthropological Congress of Dr. Aleš Hrdlička
150th anniversary of birth
Organized by

The Czech Anthropological Society
Town Humpolec
A part of the congress is the 21st Prague-Lublin-Sydney-St. Petersburg Symposium

Organizing Committee

Honorary president of the Congress is
Pavel Bláha
Former long-time president of
Czech Anthropological Society and member of
Council of European Anthropological Association

Chair
Eva Drozdová, Masaryk University, Brno

Members
Pavel Bláha, Palestra, Prague
Kristýna Brzobohatá, Masaryk University, Brno
Martin Čuňa, Masaryk University, Brno
Jiří Fiala, Municipality of Town Humpolec, Humpolec
Dana Fialová, Masaryk University, Brno

Ladislava Horáčková, Masaryk University, Brno
Kateřina Chmelíková, Ministry of Health, Prague
Miroslav Kopecký, Palacký University, Olomouc
Ivo Mařík, West Bohemia University, Pilsen
Michaela Račanská, Masaryk University, Brno
Andrej Shbat, Charles University, Prague
Lucie Stříbrná, University of Pardubice, Pardubice
Lenka Vargová, Masaryk University, Brno
Kateřina Vymazalová, Masaryk University, Brno

Honorary Committee

D. Barbieri — Italy
R. Beňuš — Slovak Republic
B. Bogin — United Kingdom
J. Buikstra — United States of America
M. Dudin — Russian Federation
M. Hermanussen — Germany
J. Hyánek — Czech Republic
R. Jankauskas — Lithuania
M. Janura — Czech Republic
M. Kaczmarek — Poland
T. Karski — Poland
A. Kukrejčtová — Czech Republic (Humpolec)
G. P. Lyritis — Greece
J. Pařízková — Czech Republic
C. Povýšil — Czech Republic
F. Rühli — Switzerland
T. Slawińska-Ochla — Poland
Š. Svačina — Czech Republic
E. V. Veselovskaya — Russian Federation

Invited Speakers

J. E. Buikstra (Arizona State University, United States of America)
M. Kaczmarek (Adam Mickiewicz University, Poland)
E. V. Veselovskaya (Russian Academy of Science, Russian Federation)
I. Mařík (West Bohemia University Pilsen, Czech Republic)
C. Povýšil (Charles University Prague, Czech Republic)

Patronage

The U.S. Embassy in the Czech Republic
Milan Štěch, Vice-President of the Senate of the Parliament of the Czech Republic
Karel Kratochvíl, Mayor of Town Humpolec
Rector of Masaryk University Brno
Rector of Palacký University Olomouc
Rector of Pardubice University
Rector of Charles University Prague
Dean of Faculty of Science Masaryk University Brno
Dean of Faculty of Health Sciences
Palacký University Olomouc
Dean of Faculty of Physical Culture
Palacký University Olomouc
Dean of Faculty of Chemical Technology
Pardubice University
Dean of 1st Faculty of Medicine
Charles University Prague
Czech Medical Association J. E. Purkyně
Programme of the congress

TUESDAY, SEPTEMBER 3, 2019
8.30—11.00 – Registration of participants (Cinema Hall)
11.00—11.30 – Opening ceremony
11.30—13.00 – Plenary session
13.00—14.30 – Lunch
14.30—15.45 – Sessions, symposium (Fabrika Hotel)

Session 1 Mahler room
Dr. Aleš Hrdlička, Sociocultural anthropology

Session 2 Malý Hliník room
Auxology

Session 3 Orlík room
Opening of the 21st Prague - Lublin - Sydney - St. Petersburg Symposium
15.30—16.00 – Coffee break
16.00—17.30 – Sessions, symposium, poster discussion
1st part (Fabrika Hotel)

Session 4 Orlík room
21st Symposium: Biomechanics – functional adaptation of human locomotor system

Session 5 Mahler and Malý Hliník rooms
Poster discussion 1st part (posters No. 1—17)
Exhibition of posters: Tuesday, September 3, 8.30 till Wednesday, September 4, 13.30

18.00—19.00 – Sightseeing of Humpolec
20.00 – Organ concert in St. Nicolas Church completed of appearance of band “Ars Camerata”

WEDNESDAY, SEPTEMBER 4, 2019
9.00—10.00 – Plenary session (Cinema Hall)
10.00—10.30 – Coffee break
10.30—12.00 – Sessions, symposium (Fabrika Hotel)

Session 6 Mahler room
Anthropogenetics

Session 7 Malý Hliník room
Palaeopathology

Session 8 Orlík room
21st Symposium: Patho-biomechanics diagnostics – orthopaedic prosthetics
11.45—12.15 – Coffee break
12.15—13.30 – Sessions, symposium (Fabrika Hotel)

Session 9 Mahler room
Palaeoanthropology and varia

Session 10 Malý Hliník room
Clinical anthropology

Session 11 Orlík room
21st Symposium: Biomechanics – bone diseases – diagnosis
13.30—14.00 – Lunch
14.00—16.30 – Tours to Želiv monastery and to Lipnice castle
16.30—18.00 – Concert of Band of the Castle Guards and the Police of the Czech Republic
19.00—20.00 – Awarding Hrdlička’s memorial medals – with performance of saxophone band “Swinging Chipses”
20.00 – Casual Congress Dinner with musical accompaniment of local bands “Radovanka” and “Hudba Dvořák”

THURSDAY, SEPTEMBER 5, 2019
9.00—10.00 – Plenary session (Cinema Hall)
10.00—10.30 – Coffee break
10.30—12.00 – Sessions, symposium, poster discussion
2nd part (Fabrika Hotel)

Session 12 Mahler and Malý Hliník rooms
Poster discussion 2nd part (posters No. 18—30)
Exhibition of posters: Wednesday, September 4, 13.30 till Thursday, September 5, 15.00

Session 13 Orlík room
21st Symposium: Osteology – bone diseases – diagnosis – comprehensive treatment
12.00—13.00 – Lunch
13.00—15.00 – Sessions, symposium (Fabrika Hotel)

Session 14 Mahler room
Forensic anthropology and war anthropology

Session 15 Malý Hliník room
Historical anthropology

Session 16 Orlík room
21st Symposium: Disorders of growing skeleton
15.30 – Official closing of the Congress (Cinema Hall)
General information

Congress venue
The 6th International Anthropological Congress of Dr. Aleš Hrdlička takes place from September 3 to September 5, 2019 in Humpolec, the home town of Dr. Aleš Hrdlička.
The congress venue is the Fabrika Hotel (Školní ulice 551 – School Street 551) and the Cinema Hall in Humpolec (Havlíčkovo náměstí 91 – Havlíček Square 91). Both buildings are situated at opposite sides of a little square.

Language
The official language of the congress is English. No simultaneous translation will be provided.

The registration
A registration desk will be opened in the Cinema Hall on the first day of the congress (September 3, 2019) and then all days of the congress as follows:

September 3, 2019 (Tuesday)
8.30—13.00 at Cinema Hall
14.00—18.00 at Fabrika Hotel
September 4, 2019 (Wednesday)
8.30—14.00 at Fabrika Hotel
September 5, 2019 (Thursday)
8.30—15.00 at Fabrika Hotel

Registration fees
Participants 120 €
Participants – reduced rate 100 €
Students 80 €
Accompanying persons 80 €
The members of Honorary Committee take part in the Congress free of charge.

The reduced rate is for members:
- Czech Anthropological Society
- Slovak Anthropological Society
- Society for Connective Tissues
- Czech Medical Association /CMA/ J.E. Purkynje
- Society for Prosthetics and Orthotics CMA J.E. Purkynje
- Participants from University of Vincent Pol and Medical University in Lublin, Poland
- Children’s Rehabilitation Centre of Orthopaedics and Traumatology “Ogonyok”, St. Petersburg, Russia

The registration fee includes: refreshments served up during coffee breaks, common dinner, organ concert, admittance of the Museum of Dr. Aleš Hrdlička, promenade concert on Upper Square, Memorable Medal Awards as well as awards for the winners of Dr. Hrdlička’s Competition for Ph.D. theses.

Lunches are not included in the fee.

Certificate of attendance will receive every participant during registration.

All further information will participants receive at registration desk or at web pages of the congress www.iacah.eu in section Last news.

Persons at registration desk are ready to help participants with all their problems.
Presentation of papers

The allocated time for an oral presentation is 15 minutes, questions included. Keeping the time limits will be strictly observed to prevent the delays in a scientific programme. It is advisable to save the presentation in PC before the sessions to eliminate any possible technical problems. The recommended formats are ppt, pptx and pdf.

Standard equipment of each lecture room is PC, data projector and laser pointer. Special demand for the presentation should be declared at the registration.

Posters

The poster sessions will be held in lecture rooms of Fabrika Hotel (Mahler and Malý Hlíník) where are situated special walls for fixing posters. Special fixing material, obtain participants at registration desk.

Poster dimensions are: width 841 mm, length 1189 mm (format A0).

Font is min. 24 Arial. Text must be legible within the distance of 2 meters.

The author or co-author of the poster must be present by the poster during poster session.

The printing expenses of the poster are on the author.

Social programme

Free admittance to the expositions of Museum of Dr. Aleš Hrdlička in Humpolec will be available for all participants during the Congress (Museum of Dr. Aleš Hrdlička, Horní náměstí 273 – Upper Square 273, Humpolec).

September 3, 2019

18.00—19.00
Sightseeing of Humpolec – in footsteps of Aleš Hrdlička (comment will be translated into English).

The participants will meet up in front of Fabrika Hotel. Attendant is Dr. Pavel Holub from County Archive in town Pelhřimov.

20.00—
St. Nicholas Church (Horní náměstí – Upper Square, Humpolec).

An organ concert, followed by the performance of Humpolec historic music group “Ars Camerata”.

September 4, 2019

14.00—17.00
Collective tours to:
Želiv monastery or Lipnice castle
Price: 10 €

16.30—18.00
Concert of Band of the Castle Guards and the Police of the Czech Republic at “Horní náměstí” in Humpolec (Upper Square in Humpolec).

19.00—20.00
Awarding Dr. Hrdlička’s Memorial Medals and announcement of final results of the Price of Dr. Hrdlička for theses in Ph.D. category – with performance of saxophone band “Swinging Chipses” (Cinema Hall in Humpolec).

20.00—
Casual Congress Dinner with musical accompaniment of local bands “Radovanka” and “Hudba Dvořák” (Spolkový dům – Communal House in Humpolec, Soukenická Street).

Plenary sessions

September 3, 2019 11.30—13.00, Cinema Hall

11.30—12.30
Jane E. Buikstra (Arizona State University, United States of America)
“… a pyramid that stands on its point “– Ales (Alois) Hrdlicka’s vision of research in physical anthropology.

12.30—13.00
Pavel Bláha (Palestra, Prague)
History of congresses of Dr. Aleš Hrdlička.

September 4, 2019 9.00—10.00, Cinema Hall

9.00—9.30
Maria Kaczmarek (Adam Mickiewicz University, Poland)
Female reproductive potential throughout the lifespan: an anthropological perspective.

9.30—10.00
Elizaveta V. Veselovskaya (Russian Academy of Science, Russian Federation)
Russian school of anthropological reconstruction. Achievements and projects.

September 5, 2019 9.00—10.00, Cinema Hall

9.00—9.30
Ivo Mařík, Daniela Zemková, Alena Maříková, Šárka Petrášová, Radek Myslivec, Olga Hudáková, Miroslav Pettrýl, Ctibor Povýšil, Josef Hyánek, Miroslav Kuklík, Kazimierz Kozlowski (West Bohemia University Pilsen, Centre for Defects of Locomotor Apparatus Prague, University Hospital Motol Prague, Hospital Příbram, Czech Technical University Prague, Charles University and General Faculty Hospital Prague, Hospital Homolka Prague, Endocrinologic Institute Prague, Czech Republic, Children’s Hospital at Westmead, Sydney, Australia)
Orthopaedic anthropology.

9.30—10.00
Ctibor Povýšil, Václav Smrčka (Charles University Prague, Czech Republic)
Microscopical principles for differentiation of diagenetic and pathological intra vitam changes of archaeological bone.
Programme of the 6th International Anthropological Congress of Dr. Aleš Hrdlička
TUESDAY, SEPTEMBER 3, 2019

Cinema Hall

8.30—11.00 – Registration of participants
11.00—11.30 – Opening ceremony
11.30—12.30 – Jane E. Buikstra (Arizona State University, United States of America)
  "... a pyramid that stands on its point " – Ales (Alois) Hrdlicka’s vision of research in physical anthropology
12.30—13.00 – Pavel Bláha (Palestra, Prague)
  History of congresses of Dr. Aleš Hrdlička
13.00—14.30 – Lunch

14.30—15.30 – Session 1:
Dr. Aleš Hrdlička, Sociocultural anthropology

Room: Fabrika Hotel – Mahler
14.30—14.45 – Budíl I. T.
  Aleš Hrdlička and racial anthropology
14.45—15.00 – Maiello G.
  Giustiniano Nicolucci, an influential but forgotten pioneer of Anthropological studies
15.00—15.15 – Anggawi S. M.
  The art of activism on Bali, Indonesia
15.15—15.30 – Valnoha J.
  Research on social behavior during nightlife and entertainment in urban areas

14.30—15.45 – Session 2:
Auxology

Room: Fabrika Hotel – Malý Hlíník
14.30—14.45 – Kutáč P., Krajcigr M.
  The application of typical error of measurement in the assessment of body composition measurement accuracy using the DXA method
14.45—15.00 – Musálek M., Pařízková J., Kokštejn J., Godina E., Bandareva E.
  Normal weight obesity in preschool and middle-school-aged children
15.00—15.15 – Novák J., Brůžek J., Sedlák P.
  Male obesity during adolescence, a feminine skeleton in adulthood? Longitudinal monitoring of obese individuals
15.15—15.30 – Regecová V., Hamade J., Ševčíková Ľ., Janechová H., Nešťáková E., Beňuš R., Masnicová S.
  Secular trends in body characteristics among Slovak students and adolescents during three decades
15.30—15.45 – Konečná H.
  “All mankind is of one origin” in the context of modern reproductive technologies

15.30—15.30 – Session 3:
Opening of the 21st Prague - Lublin - Sydney - St. Petersburg Symposium
Main topic: ORTHOPAEDIC ANTHROPOLOGY: Interdisciplinary approach to growing skeleton

Room: Fabrika Hotel – Orlík
Welcome Speeches
Professor Ivo Mařík, M.D., Ph.D.
  President of the Society for Connective Tissues Czech Medical Association (CMA) J.E. Purkynje
Professor Mikhail Dudin, M.D., DSc.
  Honorary member of the Society for Connective Tissues, CMA J.E. Purkynje
Professor Tomasz Karski, M.D, Ph.D.
  Honorary member of the Society for Connective Tissues, CMA J.E. Purkynje
Professor Josef Hyánek, M.D., DSc.
  Honorary president of the Society for Connective Tissues CMA J.E. Purkynje

15.30—16.00 – Coffee break
15.45—16.00 – Coffee break
16.00—17.30 – Session 5: Poster discussion 1st part (posters No. 1—7)

Rooms: Fabrika Hotel – Mahler

Posters will be exhibited from Tuesday, September 3, 8.30 till Wednesday, September 4, 13.30

Tuesday, September 3, 2019

1. Aidonis A., Papageorgopoulou Ch.
   Skull surgery in ancient Greece: New cases of trepanation from Classical-Hellenistic times

2. Gkaniatsou E., Vika E., Papageorgopoulou Ch.
   Breastfeeding and weaning patterns in ancient Thessaloniki

3. Kostrhun P.
   Hormonal and american archaeologists and anthropologists in Moravia between the two world wars

4. Novotná K., Fialová D., Chocholová E., Drozdová E., Brzobohatá K., Klíma B.
   Ancient DNA mining from chemically treated and non-treated human dental calculus

5. Půtová L., Smrčka V., Trubač J.
   Diet reconstruction in High Middle Ages to Early Modern Period population

   Craniofacial identification of high church hierarchy buried in the Transfiguration Cathedral in Tver

7. Teschler-Nicola M., Mandl K., Becker S., Stelzer S., Pahr D., Weiss-Krejci E.
   A “perforated” human hyoid bone: bone artefact or thyroglossal duct cyst?

18.00—19.00 – Sightseeing of Humpolec

20.00 – Organ concert in St. Nicolas Church completed of appearance of band “Ars Camerata”

16.00—17.30 – Session 5: Poster discussion 1st part (posters No. 8—17)

Rooms: Fabrika Hotel – Malý Hliník

Posters will be exhibited from Tuesday, September 3, 8.30 till Wednesday, September 4, 13.30

Tuesday, September 3, 2019

8. Seifert Z., Shbat A., Klepáček I.
   Virtual projection of 2D basic facial features onto a 3D model

   Occurrence of scurvy in the Czech Lands at various historical periods

10. Vytláčil Z., Drtikolová Kaupová S., Poláček L., Veleminský P.
    Residential mobility in Great Moravia investigated using strontium isotope analysis

11. Annar D., Feher P., Zsakai A., Bodzsar E.
    Turner-syndrome patients’ body structural characteristics

    Changes in physical development and motor fitness of students studying at the University of Zielona Góra (1990-2015)

    The secular trend in the height and weight of boys and girls residing in Lubusz Region (2002-2017)

    Comparative characteristics of biological indicators of students from different countries of the world

15. Feher P., Annar D., Zsakai A., Bodzsar E.
    Quantitative ultrasound densitometrical and body structural parameters in screening of bone structural abnormalities in women

16. Hrušková M., Landauerová M., Čermáková S.
    The influence of training on the physical characteristics of adolescent swimmers and hockey players

17. Hrušková M., Mráčková P., Bubliková V.
    Tests of motoric performance and physical fitness in Czech professional and voluntary firefighters


Anniversary of Professor Tomasz Karski, M.D., Ph.D.

Introduction: Olga Hudáková, M.D., Ph.D.

Moderator: Professor Josef Hyánek, M.D., DSc. (Honorary president of the Society for Connective Tissues, Czech Medical Association J.E. Purkynje)

15.40—15.50 – Karski T., Karski J., Domagal M.
   Syndrome of standing ‘at ease’ on the right leg as an important factor in the development of the so-called adolescent idiopathic scoliosis (AIS) and an influencing factor in the pathology of right shank, knee, hip and back pain

Anniversary of Prof. Mikhail Dudin, M.D., DSc

Introduction: Olga Hudáková, M.D., Ph.D.

Moderator: Professor Ivo Mařík, M.D., Ph.D. (President of the Society for Connective Tissues, Czech Medical Association J.E. Purkynje)

16.00—17.20 – Session 4: Biomechanics – functional adaptation of human locomotor system

Room: Fabrika Hotel – Orlík

16.00—16.20 – Boryga B., Pyrc J.
   – Improper sitting position in Children, Adolescents and Adults.
   – The impact of adaptation to hypokinesia during early growth
   – The importance of adopting and maintaining correct sitting posture. Knowledge translation
   – Improper sitting position in Children, Adolescents and Adults.
   – Causes, Clinic, Physiotherapy

16.20—16.40 – Kott O., Vrbská V.
   – Scoliosis (AIS) and an influencing factor in the pathology of right shank, knee, hip and back pain
   – Sedentary work – The importance of adopting and maintaining correct sitting posture. Knowledge translation

16.40—17.00 – Karliškova J., Sedláček P., Musálek M.
   – The impact of adaptation to hypokinesia during early growth
   – The importance of adopting and maintaining correct sitting posture. Knowledge translation

17.00—17.20 – Van Loon P. J. M., Soeterbroek A. M, Grotenhuis A.
   – Homo Erectus and backpain? Being Homo Sedens from birth is an unhealthy evolution!
WEDNESDAY, SEPTEMBER 4, 2019

Cinema Hall
9.00—9.30 – Maria Kaczmarek (Adam Mickiewicz University, Poland)
Female reproductive potential throughout the lifespan: an anthropological perspective
9.30—10.00 – Elizaveta V. Veselovskaya (Russian Academy of Science, Russian Federation)
Russian school of anthropological reconstruction. Achievements and projects

10.00—10.30 – Coffee break

10.30—11.45 – Session 6: Anthropogenetics
Room: Fabrika Hotel – Mahler
10.30—10.45 – Chocholová E., Drozdová E., Fialová D., Brzobohatá K., Chochola V.
Need for novel detection targets in tuberculosis diagnostics of historical specimens – bioinformatic analysis
10.45—11.00 – Chocholová E., Fialová D., Drozdová E., Skoupý R., Brzobohatá K., Zwinsová B., Řídecká P., Chochola V.
Microbial contamination of ancient human dental calculus studied by scanning electron microscope and metagenomic approach
11.00—11.15 – Fialová D., Chocholová E., Drozdová E., Brzobohatá K., Zwinsová B., Řídecká P., Chochola V., Klíma B.
Study of domestication via human dental calculus in the Early Middle Ages
11.15—11.30 – Šenovská A., Drozdová E., Vaculík O., Brzobohatá B., Fialová D., Šmerda J.
Mitochondrial haplogroups of ancient samples from Czech Republic: Comparison of two nearly located burial Sites
11.30—11.45 – Brzobohatá K., Bus M., Lembrink M., Hocker F., Allen M.
Genetic analysis of individuals from Vasa ship

10.30—11.45 – Session 7: Palaeopathology
Room: Fabrika Hotel – Malý Hlíník
10.30—10.45 – Smrčka V.
Biomolecular paleopathology from my point of view
10.45—11.00 – Smrčka V.
Czech paleopathology, past and future
11.00—11.15 – Jakobej L.
Reconstruction of war injuries on selected skull preparations from the ossuary in Žehuň
11.15—11.30 – Tvrzý Z., Jarošová I.
Anthropology, health and diet of Eneolithic and Bronze Age populations from Modřice (Czech Republic)
11.30 — 11.45 – Vlach M.
Antonine Plague: The case study of epidemiological modelling and impact evaluation

10.30—12.00 – Session 8: Patho - biomechanics - diagnostics - orthopaedic prosthetics
Room: Fabrika Hotel – Orlík
10.30—10.50 – Arsenev A., Dudin M.
Cuneiform vertebral deformation in patients with AIS
10.50—11.10 – Krawczyk P.
Possibilities of orthotic treatment in children with cerebral palsy
11.10—11.25 – Pankratova G., Dudin M.
Evaluation of the brace treatment effectiveness in patients with progressive scoliosis
11.25—11.40 – Černý P., Drnková J., Kott O., Negrini S.
Design of spinal brace shape classification
11.40—12.00 – Arsenev A., Vasilevich S., Dudin M., Falinskii A.
Prospects of application of 3D scanner in terms of children's orthopedic center

11.45—12.15 – Coffee break

12.00—12.15 – Coffee break
12.15—13.30 – Session 9: Palaeoanthropology and varia
Room: Fabrika Hotel – Mahler
12.15—12.30 – Nowaczewska W., Binkowski M.
The taxonomic assessment of new hominin molar and premolar from Stajnia Cave (Poland)
Limits of long-term selection against Neanderthal introgression
The evolutionary history of Denisovan and Neanderthal Y chromosomes
Application of computed tomography in anthropological study of ancient Egyptian mummies
Analysis of chemical elements on surface enamel and localised enamel hypoplasia of human primary canines (LHPC) via EDX method in the Necropolis of Great Moravia in Znojmo-Hradiště (9th-10th Century, Czech Republic)

12.15—13.30 – Session 10: Clinical anthropology
Room: Fabrika Hotel – Malý Hlíník
Do the sport dance, classical ballet and Slovakian folklore dance training affect the gait stereotype?
The physical characteristics of preschoolchildren and schoolchildren in relation to the type of nutrition in infancy
12.45—13.00 – Koziel S., Gomula A., Nowak-Szczepanska N.
Maternal stress during pregnancy and its effect on postnatal growth in school children
13.00—13.15 – Marfina V.
Dynamic observation of physical development indices of schoolchildren in the Republic of Belarus
13.15—13.30 – Klášterecká R., Chrastina J., Vaňharová M.
Health benefits of Yoga: a scooping review

12.15—13.35 – Session 11: Biomechanics - bone diseases - diagnosis
Room: Fabrika Hotel – Orlík
12.15—12.35 – Vasilevich S., Arsenev A., Kurchenko S., Dudin M., Falinski A.
Piezoelectric effect in bone during extracorporeal shock wave therapy in experiment
12.35—12.55 – Pankratova G., Dudin M.
Functional violations of urinary system in children with idiopathic scoliosis
Features of endogenous neuropeptides in children with initial symptoms of AIS
E – poster
13.15—13.25 – Rybka D., Dudin M., Sharova L.
Ultrasound diagnosis of paravertebral muscles in children with AIS before and after treatment
E – poster
13.23—13.35 – Bober S. S., Dudin M., Uzdennikova M.
Characteristics of the spatial orientation of the vertebral column, shoulder and pelvic girdle in patients 7-17 years of age with initial symptoms of scoliosis

14.00—16.30 – Tours to Želiv monastery and Lipnice castle
16.30—18.00 – Concert of Band of the Castle Guards and the Police of the Czech Republic
19.00—20.00 – Awarding Hrdlička’s medals – with performance of saxophone band “Swinging Chipse”
20.00 – Casual Congress Dinner with musical accompaniment of local bands “Radovanka” and “Hudba Dvořák”
THURSDAY, SEPTEMBER 5, 2019

Cinema Hall

9.00—9.30 – Ivo Mařík, Daniela Zemková, Alena Maříková, Šárka Petršášová, Radek Myslivec, Olga Hudáková, Miroslav Petrýl, Ctibor Povýšil, Josef Hyánek, Miroslav Kuklík, Kazimierz Kozlowski (West Bohemia University Pilsen, Centre for Defects of Locomotor Apparatus Prague, University Hospital Motol Prague, Hospital Příbram, Czech Technical University Prague, Charles University and General Faculty Hospital Prague, Hospital Homolka Prague, Endocrinologic Institute Prague, Czech Republic, Children’s Hospital at Westmead, Sydney, Australia)
Orthopaedic anthropology

9.30—10.00 – Ctibor Povýšil, Václav Smrčka (Charles University Prague, Czech Republic)
Microscopical principles for differentiation of diagenetic and pathological intra vitam changes of archaeological bone

10.00—10.30 – Coffee break

10.30—12.00 – Session 12: Poster discussion 2nd part (posters No. 18—23)
Rooms: Fabrika Hotel – Mahler
Posters will be exhibited from Wednesday, September 4, 13.30 till Thursday, September 5, 15.00
Thursday, September 5, 2019
18. Hurbo T., Salivon I.
Age variation of cephalic index according to schoolchildren transverse and longitudinal studies data
Monitoring of body composition in boys aged 12–15 and girls with obesity during a weight reduction stay in Lázně Teplice nad Bečvou, a.s.
20. Kopecký M., Stříbrná L., Hrubá R.
Sleep quality and sleep patterns in men and women in relation to body composition
21. Marčeková M., Neščáková E., Mellová Y.
The influence of nourishment on the somatic growth of children from birth to one year of life (The longitudinal study)
22. Polcerová L., Kondeková M., Králík M., Beňuš R.
Examination of population differences in radio-ulnar gradients on pilot samples of the Slovak and Czech population
23. Polina N.
The study of color preferences of belarusian students

10.30—12.00 – Session 12: Poster discussion 2nd part (posters No. 24—30)
Rooms: Fabrika Hotel – Malý Hlíník
Posters will be exhibited from Wednesday, September 4, 13.30 till Thursday, September 5, 15.00
Thursday, September 5, 2019
24. Přidalová M., Marešová K., Zbořilová V., Kalčíková P.
Somatic profil in young aged children
25. Přidalová M., Prášil D., Marek P.
Relation between BMI and morphological parameters of foot in young school-age children
Secular changes in body composition and fat distribution in Czech preschool children
27. Skryhan H.
Influence of a complex of socio-economic factors on physical development of teenagers of Belarus
28. Škultétyová A., Koziel S. M., Králík M.
Inter-population variation in the metacarpophalangeal pattern profiles
29. Zbořilová V., Přidalová M., Kaplanová T.
Reference curves of selected circumferential parameters for Czech children aged 6 to 11 years
30. Kalčíková P.
Characteristics of elite youth soccer players by date of birth and biological maturity

12.00—13.00 – Lunch
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 14: Forensic anthropology and anthropology in response to natural disasters and wars</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00—13.15</td>
<td>Jankauskas R. Anthropology as the meeting ground of several disciplines: identification of remains of leaders of 1863-1864 uprising</td>
</tr>
<tr>
<td>13.15—13.30</td>
<td>Fialová D., Skoupý R., Drozdová E., Kováčik P. Application of SEM-EDX in forensic and historic anthropology through dental fillings</td>
</tr>
<tr>
<td>13.30—13.45</td>
<td>Svobodová H. The difficulty of a forensic geneticist’s work</td>
</tr>
<tr>
<td>13.45—14.00</td>
<td>Krošláková M. Wandering through Central Europe in the Middle Ages: possible burial of an Outlander</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 15: Historical anthropology</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00—13.15</td>
<td>Beran-Cimbůrková P. Anthropological analysis of skeletal remains found in a circular object (middle bronze age) from Nymburk (Czech Republic)</td>
</tr>
<tr>
<td>13.30—13.45</td>
<td>Hukelová Z. Life at Early Bronze Age site of Nižná Myšľa</td>
</tr>
<tr>
<td>13.45—14.00</td>
<td>Kouklí M., Siegmund F., Papageorgopoulou Ch. Stature estimation on northern Greek populations of Roman time</td>
</tr>
<tr>
<td>14.00—14.15</td>
<td>Pavelková J., Furmánek V. Demographic analysis of civilization of south-eastern urnfields in Slovakia</td>
</tr>
<tr>
<td>14.15—14.30</td>
<td>Nováček J. Burials from the Merovingian aristocracy from Gotha – Boilstädt</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Time</th>
<th>Session 16: Disorders of growing skeleton</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.00—13.20</td>
<td>Smrčka V., Dick D., Shahed S., Musilová Z., Köhler K., Turdý Z. Congenital Anomalies in Neolithic Lengyel Culture</td>
</tr>
<tr>
<td>14.00—14.20</td>
<td>Ryba L., Rybová S., Nechutný J., Mařík I. Perthes’ disease and femoroacetabular impingement in a growing patient</td>
</tr>
</tbody>
</table>

Ivo Mařík, Petr Krawczyk, Tomasz Karski, Mikhail Dudin
Closing of the Symposium and planning The 22nd Prague-Lublin-Sydney-St. Petersburg Symposium
Some useful phrases and words for orientation in Czech milieu

Common Czech signs

<table>
<thead>
<tr>
<th>Sign</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Otevřeno</td>
<td>OPEN</td>
</tr>
<tr>
<td>Zavřeno</td>
<td>CLOSED</td>
</tr>
<tr>
<td>Vchod</td>
<td>ENTRANCE</td>
</tr>
<tr>
<td>Východ</td>
<td>EXIT</td>
</tr>
<tr>
<td>Tam</td>
<td>PUSH (on a door)</td>
</tr>
<tr>
<td>Sem</td>
<td>PULL (on a door)</td>
</tr>
<tr>
<td>Toalety/WC</td>
<td>TOILET</td>
</tr>
<tr>
<td>Muži/Páni</td>
<td>MEN</td>
</tr>
<tr>
<td>Ženy/Dámy</td>
<td>WOMEN</td>
</tr>
<tr>
<td>Vstup zakázán</td>
<td>ENTRANCE FORBIDDEN</td>
</tr>
</tbody>
</table>

Czech vocabulary (with pronunciation)

<table>
<thead>
<tr>
<th>Word</th>
<th>Pronunciation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Ano (AH-noh)</td>
</tr>
<tr>
<td>No</td>
<td>Ne (neh)</td>
</tr>
<tr>
<td>Where</td>
<td>Kde (KHDEH)</td>
</tr>
<tr>
<td>What</td>
<td>Co (TSOH)</td>
</tr>
<tr>
<td>Who</td>
<td>Kdo (GHDO)</td>
</tr>
<tr>
<td>One</td>
<td>Jedna (YEHD-nah)</td>
</tr>
<tr>
<td>Two</td>
<td>Dvě (dvye)</td>
</tr>
<tr>
<td>Three</td>
<td>Tři (trzhee)</td>
</tr>
<tr>
<td>Please</td>
<td>Prosím (Proseem)</td>
</tr>
<tr>
<td>Thank you</td>
<td>Děkuju (Dyekooyih)</td>
</tr>
<tr>
<td>I am sorry</td>
<td>Promiňte (PROH-mih-ryteh)</td>
</tr>
<tr>
<td>Pardon</td>
<td>Pardon (par-DOHN)</td>
</tr>
<tr>
<td>Hello (more polite)</td>
<td>Dobrý den (DOH-bree dehn)</td>
</tr>
<tr>
<td>Hello/Bye</td>
<td>Ahoj (ahoy)</td>
</tr>
<tr>
<td>Good bye</td>
<td>Na shledanou (NAHSH-leh-dah-noh)</td>
</tr>
<tr>
<td>I do not know</td>
<td>Nevim (NEH-veem)</td>
</tr>
<tr>
<td>Czech (language)</td>
<td>Česky (cheskee)</td>
</tr>
</tbody>
</table>
Useful Czech expressions

**How much is this?**
Kolik to stojí?
(KOH-likh toh STOH-ye)

**I can't speak Czech**
Neumím mluvit česky
(NEH-oomeem mloovit cheskee)

**I understand**
Rozumím (roh-zoo-meem)

**I do not understand**
Nerozumím (NEH-roh-zoo-meem)

**Do you speak English?**
Mluvíte anglicky?
(Mlooveeteh unglitskee?)

**Where is the bathroom?**
Kde jsou toalety?
(KHDEH ysoh toh-LEH-tyhy?)

**What is your name?**
Jak se jmenujete?
(yahk seh YMEH-noo-yete?)

**My name is...**
Jmenuji se....
(YMEH-noo-ee seh)

**Nice to meet you**
Těší mé
(TYEH-shhee myeh)

**What time?**
V kolik hodin?
(V-KOH-likh HOH-dihn)

**Help**
Pomoc (POH-mohst?)

**Fire!**
Hoří! (HOH-rhee!

**Call a police**
Zavolejte policii!
(ZAH-voh-lay-teh POH-lee-tsee!)

**Call 112**
Zavolejte stodvanáct!
(ZAH-voh-lay-teh stoh DVAH-naatst)

**112 Czech Emergency number**
Czech Emergency number

**I need your help**
Potřebuji pomoc
(POHT-rzheh-boo-yee POH-mots)

**Thief**
Zloděj
(ZLOH-dye)

**Accident**
Nehoda
(NEH-hoh-dah)

**I am sick**
Je mi špatně
(yeh mee SHPAH-tneh)

**Stop**
Stop/Stůj (stooyeh)

**I need a doctor**
Potřebuji doktora
(POHT-rgeh-boo-yee DOHK-toh-rah)

**It hurts**
Boli to (BOH-lee toh)

Shopping/Restaurant

**How much is this?**
Kolik to stojí?
(KOH-likh toh STOH-ye)

**Czech crown**
Česká koruna
(cheskaa koh-ruh-nah)

**Can I pay by a credit card?**
Můžu platit kartou?
(MOO-zuh PLAHT-koht)

**Where is the restaurant?**
Kde je restaurace?
(gdeh yeh REHS-tow-rah-tsee)

**Coffee**
Káva/kafe
(KAHH-vah/KAH-feh)

**Water**
Voda (VOH-dah)

**Beer**
Pivo (PIH-voh)

**Red/white wine**
Červené/bílé víno
(CHEHR-veh-nehh/ BEE-leh VEE-noh)

**Bon appetit**
Dobrou chuť
(DOH-bruh kwootk)

**Cheers**
Na zdraví (nah ZDRAH-vee)!
All mankind is of one origin