

Rebeka RMOUŤILOVÁ

Address: Sojovická 392/60
Lysá nad Labem 289 22
Czech Republic
E-mail: vejnaror@natur.cuni.cz



EDUCATION

From 2016 *Joint PhD studies at the University of Bordeaux, Laboratory PACEA*

Thesis: Reconstruction of human coxal bones from the Late Pleistocene: revision and palaeobiological interpretations

From 2015 *PhD studies at Charles University in Prague, Faculty of Science*

Field: Anthropology and human genetics

Thesis: Reconstruction of fragmentary skeletal material for the application in bioarchaeology and forensic anthropology

2013 – 2015 *Master studies at Charles University in Prague, Faculty of Science*

Field: Anthropology and human genetics

Thesis: Shape and size of the auricular surface of human coxal bone: sexual dimorphism and evolutionary aspects

2014 – 2015 *Study stay ERASMUS at University of Bordeaux (1 semester)*

Passed exams from three educational modules concerning palaeoanthropology and parietal art

2010 – 2013 *Bachelor studies at Charles University in Prague, Faculty of Science*

Field: Biology (final exams from molecular biology)

Thesis: Deficit of children skeletal remains in European cemeteries

2002 – 2010 *High school in Nymburk*

GRANTS & SCHOLARSHIP

From 2017 Grant project GAUK (1088217) “Reconstruction of fossil hominin pelvises from the Late Pleistocene: palaeobiological and functional interpretations” (Charles University Grant Agency)

Spring 2018 Study stay in Tel Aviv (study of Pleistocene pelvic remains from Israel) supported by Irene Levi Sala CARE Foundation

SKILLS

Languages

English: level B2

French: level B1/B2

Technical skills

3D scanning, 3D models processing, segmentation of CT scans, geometric morphometrics (GM), landmark & semilandmark methods, fossil reconstruction, missing data computation, statistical analysis.

Software: Meshlab, Avizo 7.1, Viewbox dHAL, R

PRACTICAL EXPERIENCE

Study of La Ferrassie 1 and La Chapelle-aux-Saints pelvical remains in Musée de l'Homme (Paris, February 2017).

Study of Regourdou 1 pelvis in the Musée National de Préhistoire (Les Eyzies-de-Tayac, November 2016).

Popularization of scientific research, Faculty of Science, Charles University.

Computerization of philosophical texts for the Institute of Philosophy, Czech Academy of Sciences.

Participation in the archaeological excavation in Mikulčice in the summer 2014 (Middle Ages).

Participation in the archaeological excavation in Chotýš in the summer 2013 (Neolithic).

PUBLICATIONS

Rmoutilová R., Dupej J., Velemínská J., Brůžek J., 2017. Geometric morphometric and traditional methods for sex assessment using the posterior ilium. *Legal Medicine*, 26:52–61.

Rmoutilová R., Maureille B., Meyer V., Couture-Veschambre C., Gómez-Olivencia A., Holliday T., Velemínská J., Brůžek J., 2017. First glimpse at the asymmetry of Neandertal sacrum Regourdou 1 (Dordogne, France). *Slovenská antropológia* (in Czech).

CONFERENCE PRESENTATIONS

Oral communications

Rmoutilová R., Guyomarc'h P., Velemínský P., Brůžek J., 2017. Patřila magdalénská lebka ze Zlatého koně ženě nebo muži? *Antropologické dny v Olomouci*.

Rmoutilová R., Guyomarc'h P., Velemínský P., Velemínská J., Brůžek J., 2017. Reconstruction virtuelle du crâne Magdalénien de Zlatý kůň (République tchèque). *Les 1842èmes journées de la Société d'Anthropologie de Paris*, France.

Rmoutilová R., Maureille B., Velemínská J., Couture Ch., Meyer V., Brůžek J., 2016. Neanderthal skeleton Regourdou 1 (Montignac-sur-Vézère, Dordogne, France): asymmetry functional or pathological? *Anthropological Meeting*. Hlohovec, Slovakia.

Posters

Brůžek J., Dupej J., Kotěrová A., **Rmoutilová R.**, Velemínská J. 2017. Use of the structured light scanner David SLS-2 for recording auricular surface in 3D and implications for age at death assessment. *AAPA conference*. New Orleans, USA.