

FUROR NORMANNORUM

A 9–11. századi kétélű kardok kutatása: régészeti, metallurgiai megközelítések *Research on 9-11th Century Double-Edged Swords: Archaeological and Metallurgical Approaches*

(NKFI Mecenatúra 2021/140807)

19–23/09/ 2022.

Szent II. János Pál Pápa Díszterem, 1088 Budapest, Szentkirályi u. 28–30.

September 19 (Monday)

14.00–14.30: Opening speeches

14.30–15.00: Introduction of the PPKE ‘Double-edged Swords Research Group’

15.00–15.40: Plenary speech – Neil Price (University of Uppsala): Arms and the (Wo)man: Swords, Gender, and Death in the Viking Age

15.40–16.20: Plenary speech – Gareth Williams (British Museum): Swords for the living and the dead

16.20–17.00: *Discussion*

17.00–17.30: László Tapolcai (Eötvös Loránd University): The Political and Territorial Changes in East-Central Europe after the Battle of Lechfeld (955–972)

17.30–19.00: Reception at the hall

September 20 (Tuesday)

Archaeometallurgy – Chairman: Béla Török

9.00–9.40: Plenary speech – Alan Williams (The Wallace Collection, London): Swords in Medieval Europe – possible methods of analysis

9.40–10.00: *Discussion & coffee break*

10.00–10.20: Mathias Mehofer (University of Vienna): Archaeometallurgical analyses of early medieval weaponry from Austria

10.20–10.40: Francesco Grazzi (Consiglio Nazionale delle Ricerche Istituto di Fisica Applicata & Istituto Nazionale di Fisica Nucleare):

The evolution of the structure of Viking swords. A non-invasive analysis of their manufacturing and structure through neutron tomography

10.40–11.00: Boglárka Tóth, Márk Haramza and Béla Török (Janus Pannonius Museum / University of Miskolc):

The Sword from Himesháza – origin and technology

11.00–11.20: Árpád Rác (Austro-Lab): Essential chemical analytical techniques in archaeometry

11.20–11.40: Béla Török, Péter Barkóczy and Boglárka Tóth (University of Miskolc / Pázmány Péter Catholic University):

Types of production methods of swords based on metallographic studies

11.40–12.20: *Discussion*

12.20–13.30: *Lunch break*

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Swords in written sources – Chairman: Beatrix F. Romhányi

13.30–13.50: Szabolcs Polgár (University of Szeged): Swords and weapons as trade goods in Eastern Europe (c. 9th–12th)

13.50–14.10: Csete Katona (University of Debrecen & Pázmány Péter Catholic University):

Secret(s) of the Rus'. Production of and demand for Viking Age swords in the 'East'

14.10–14.30: Bence Fehér (Institute of Hungarian Research):

The curse of tradition. Existent and obsolete sword types in the descriptions of medieval Muslim authors

14.30–15.00: *Discussion*

September 21 (Wednesday)

Swords in East, Central and Southern Europe – Chairman: Péter Langó

9.00–9.40: Plenary speech: Valeri Yotov (Museum of Varna):

Weapons and military equipment in the Balkans in the 11th century (interplay of the Scandinavian and Byzantine examples)

9.40–10.00: *Discussion & coffee break*

10.00–10.20: Taxiarchis Koliás (University of Athens): The symbolic significance of the sword in Byzantium

10.20–10.40: Béla Török, Boglárka Tóth, Péter Barkóczy, and Péter Langó (University of Miskolc / Eötvös Loránd Research Network / Pázmány Péter Catholic University): The Kunágota sword – manufacturing characteristics and Byzantine connections

10.40–11.00: Jiří Hošek and Jiří Košta (The Czech Academy of Sciences, Institute of Archaeology / National Museum, Czech Republic):

Petersen Type Y sword with pattern-welded blade from Rajhradice (Czech Republic) – examination, classification and comparison

11.00–11.20: Milica Radišić (Institute of Archaeology, Belgrade):

Double-edged swords and polearms of western origin in the territory of present-day Serbia: an overview and reinterpretation

11.20–12.00: *Discussion*

12.00–13.00: *Lunch break*

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Carolingian swords – Chairman: Miklós Takács

13.00–13.20: Maja Petrinec and Tomislav Šeparović (Museum of Croatian Archaeological Monuments, Split):

New Insights on early Carolingian swords from Croatian Territories

13.20–13.40: Róbert Müller (Balaton Museum, Keszthely): Karolingisches Schwert aus Murakeresztúr-Kollátszeg (Kom. Zala).

13.40–14.00: Boglárka Maróti, György Káli, Béla Török and Péter Barkóczy (Eötvös Loránd Research Network / University of Miskolc):

Complex examination project of the sword from Murakeresztúr-Kollátszeg

14.00–14.20: Péter Prohászka (Slovak Academy of Sciences):

Schwerter, Gräber, Münzen – Bemerkungen zu den frühmittelalterlichen Gräbern mit Schwertern und Münzbeigabe aus Mitteleuropa

14.20–15.00: *Discussion*

15.00–15.30: *Coffee break*

Swords in Hungary – Chairman: Csete Katona

15.30–15.50: Bertalan Zágórhidi-Czigány (Pázmány Péter Catholic University): Double-edged swords in the Carpathian Basin during the 9th–11th centuries

15.50–16.10: Flórián Harangi and Réka Fülöp (Pázmány Péter Catholic University / Hungarian National Museum):

Swords, silks and beads. Some remarks on the commerce of the Carpathian Basin in the 9th–11th centuries.

16.10–16.30: Márk Haramza and Béla Török (Janus Pannonius Museum / University of Miskolc):

From sabre to sword. The so-called ‘Weapon Change’ from the aspect of archaeology

16.30–17.00: *Discussion*

September 22 (Thursday)

9.00–9.20: Beatrix F. Romhányi (Károli Gáspár University): The image of the Carpathian Basin around 1000

9.20–9.40: Andrea Ilés-Muszka (University of Szeged & Hungarian National Museum):

New results concerning the contacts between the Carpathian Basin and Northern Europe during the 10–11th century

9.40–10.00: József Szentpéteri and Béla Török (Eötvös Loránd Research Network / University of Miskolc):

The Scandinavian and Baltic connections of stray metal finds from Solt-Tételhegy, County Bács-Kiskun, HU
(archaeological and archaeometrical data)

10.00–13.00: *Guided Tour in the National Museum*

A kutatás az Innovációs és Technológiai Minisztérium támogatásával a Tématerületi Kiválósági Program: Magyarország és a Kelet kapcsolatának régészeti kutatása (Keleti Örökségünk PPKE Interdiszciplináris Történelmi és Régészeti Kutatócsoport (TKP2020-NKA-11) projekt keretében valósult meg