

"Black box" meeting at Sárospatak, Hungary

23-25. 11. 2007

Participants

Belgya, Tamás IKI-HAS
Durkovic, Éva ELTE
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Festa, Giulia nUNI Rome
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Visser, Dirk UNI Munich

Presentations

[Design of BBs](#) (Zsuzsa Hajnal, presented by K. Biró)

[Realisation of H boxes](#) (K. Dúzs)

[Realisation of D boxes](#) (A. Kirfel)

PGAI of BBs (Z. Kis)

- [Radiography-driven PGAI on the black boxes at IKI, Budapest](#)

ND of BBs (W. Kockelman)

First results on benchmark objects + support solutions (D. Visser)

- [Radiographies - Replicas](#)

Discussion

Results/guesses and actual boxes were compared.

Radiography and tomography are great help in selecting suitable location for chemical analysis.

Chemical data (+ morphology) are both needed for interpreting structural information. Many mistakes can be avoided by optimising:

- angle/scope of analysis

- restricting possible solutions by previous results

Analytical volume should be exactly followed and reproducible. Coordinate system and correct names followed strictly. Support frame (individual for objects) may hold these data.

Proper sequence of analysis suggested for archaeological objects:

(full documentation: detailed archaeological description, photo and analytical drawings, weight, size, if possible, conservation history, specific gravity)

- bulk chemical analysis (PGA, Budapest)

- framing (support)

- radiography, neutron tomography (Munich)

- PGAI (Münich)

- neutron diffraction, laser scanning (should be better before framing) (ISIS)

Actions list

produce other type of benchmark object (rusty, complex, not valuable) to test some situations (by 6th of December, DK)

send H-box raw materials to Armin for same analyses (by 6th of December, DK)

please send revised black box presentations/reports by 6th of December, all).

put presentations on AC WP1 web intranet (TBK)

compile raw material for further work by box and by method (when ready, put on AC WP1 web intranet)

publications: full publication by each center of research for Archaeometriai Műhely

announce poster from Black Box results for Siena (authors: ?)

details in technical journals (methodology, complementary methods etc.)

please send back cubes to Budapest! for the archaeometry collection of HNM

Decide on timing of archaeological objects travelling (when, where, curatorial care needed?)

Questions to ask from Giuseppe

ISA 2008 Siena: oral presentation on AC?

Timing for 2008? (e.g. Delft meeting, touring archaeological objects)

Delay in AC accepted?