
Glass archaeometry in the aspect of cultural heritage

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Abstract

Glass has been known for aged, as a evidence of the development of that civilization, its culture and industrial progress.

First of all we have to divide glass, as a material production, for natural glass and that create by man. Subject of this presentation has been focus on the discovery the past, and artefacts of previous generations

The possibility of testing materials has developed very slowly. Since the nineteenth century, and especially in the second half of the twentieth century, due to the overall development of science, with particular emphasis on materials science, the options for analyzing historical glass have become almost limitless.

Instrumental methods and computerization have evolved, and so has awareness of the need for interdisciplinary cooperation among conservators and archaeologists, as well as engineers and materials science scientists. This principle of combining sciences to decipher material history on many level also enabled technologists to be involved in archaeological research, specialists in materials science, materials experts to deepen the information about the nature of the material of the object and creation.

It is a field of archaeological research which aims to confirm the authenticity, age, and origin of finds and archaeological objects and to determine which technologies were used to create them on the basis of their chemical composition. In addition, it is important to establish the condition of the object through macroscopic and physical research. Such analysis of historic articles also contributes to the knowledge of the culture and way of life of our ancestors .

The interest in this issue is best demonstrated by the number of emerging articles about the study of the types of historical glass.

In addition, during a number of scientific conferences, separate thematic sections under the heading of archaeometry are prepared. This also creates the possibility of working partnerships with other research institutions. An example of the importance and development of the archaeometry of glass in the world is the creation of a separate technical committee which deals with archaeometry as part of the activities of the International Commission on Glass.

Keywords: glass, corrosion, culture herititage, culture development

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