

### **Theme 3**

#### **Kilns, Workshops and Productions**

#### **FROM KASHAN TO KUBAD ABAD: AN EXPERIMENTAL STUDY AND PRACTICAL WORK ON LUSTRE WARES PRODUCED IN MEDIEVAL MEDITERRANEAN BASIN**

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Traditional lustre technique mentioned clay-paste lustre has been used prevalently in Islamic world from the 9th Century until 17th Century and western Mediterranean basin from 14th Century until 19th Century.

In this proposal of presentation we would like to introduce our study on clay-paste lustres prepared with copper, silver, bismuth and iron compounds were applied on glazes containing alkaline, tin and small amounts of lead, in order to obtain metallic and shiny lustre effects on the glazed surfaces formed in low temperatures and in a reducing kiln atmosphere. Performing a comprehensive research on the technique of reduced pigment (clay-paste) lustres, old and traditional recipes, were examined. According to the results that were found, deductions including some examples which were obtained from today's conditions and today's materials will be presented.