

## **Theme 4**

### **Pottery in Anatolia**

#### **THE CONTRIBUTION OF CHEMICAL ANALYSIS TO THE STUDY OF BYZANTINE CERAMICS: A SYNTHESIS OF RESEARCH CARRIED OUT IN LYON**

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From the first "Byzantine White Ware" to the productions of the Palaeologan period, from the Byzantine capital to peripheral areas and rural settlements, from terrestrial to shipwrecks contexts, Byzantine ceramics have been investigated in many of their aspects in Lyon using a methodology based on chemical analysis. Research was directed especially towards types which met with large scale diffusion, such as "Byzantine White Wares", the main "Middle Byzantine Production" including "Fine Sgraffito Ware" and "Aegean Ware", "Zeuxippus Ware" and "Elaborate Incised Ware". It led to significant advances and renewed our vision of Byzantine ceramics. Next to the glazed wares, ongoing investigations also involve amphorae and common wares, and perspectives are enlarged from production and diffusion issues to tastes and food habits, in the framework of the POMEDOR program. This synthesis will present research carried out in Lyon in the last 18 years in close collaboration with archaeologists and ceramic specialists all around the Byzantine world.