

ISIS@MACH infrastructure - Physics for Cultural Heritage

What is the recipe for the first permanent ink in history with which the ancient Egyptians painted linen fabrics so that it would not fade with washing? Why do some ancient plasters apparently resist much longer than modern ones? Can we 'see' the contents of a sealed ancient jar without having to open it? These are some of the questions that can be answered by following a scientific approach through archaeometric investigations. Innovative and integrated scientific approach have proven to increase the effectiveness of multidisciplinary study campaigns. ISIS@MACH infrastructure will give access to instrumentation for archaeometric and conservation studies. Relevant case studies will be presented.