

**SESSION TITLE:**      **New approaches on studying weaponry of the European Bronze**

**ORGANISER:**            Marion Uckelmann (*Germany*)

**CO-ORGANISER:**      Marianne Moedlinger (*Germany*)

**SESSION PROPOSAL:**

The session aims at sharing information on the manufacture and use of European Bronze Age weaponry, covering aspects relating to archaeometallurgy, functional analyses, experimental work and archaeology. We will discuss different methods of analysing Bronze Age weaponry and how to answer specific questions concerning manufacture and usage. In many cases, the weapons being produced are the result of the application of the ! most advanced technologies of a culture. Therefore they can be used as good examples of the scientific, technical and ethical advance of a culture or society. By means of exploring use and functionality, we hope to provide a better view on the way combat might have taken place at that time, on the kinds of weapons used as well as on the kind of combat in Bronze Age society in general.

The session will give an insight into the importance and necessity of using new methods as of 3D-computer tomography, scanning electron microscop, energy dispersive X-ray, etc. presented by archaeologists and material scientists who have been working with Bronze Age weaponry. But far more important than simply to present the methods, we hope to explain the kinds of answers that we can expect from them or rather which questions we can apply to different methods. There will be discussions on the advantages and disadvantages of specific methods used in the investigation of ancient bronzes and the results provided. The session will promote a dialogue between archaeometallurgists and archaeologists and aims at developing contacts for further research on Bronze Age weaponry.

**PLEASE CONTACT:**

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