

# Les séminaires d'ausonius

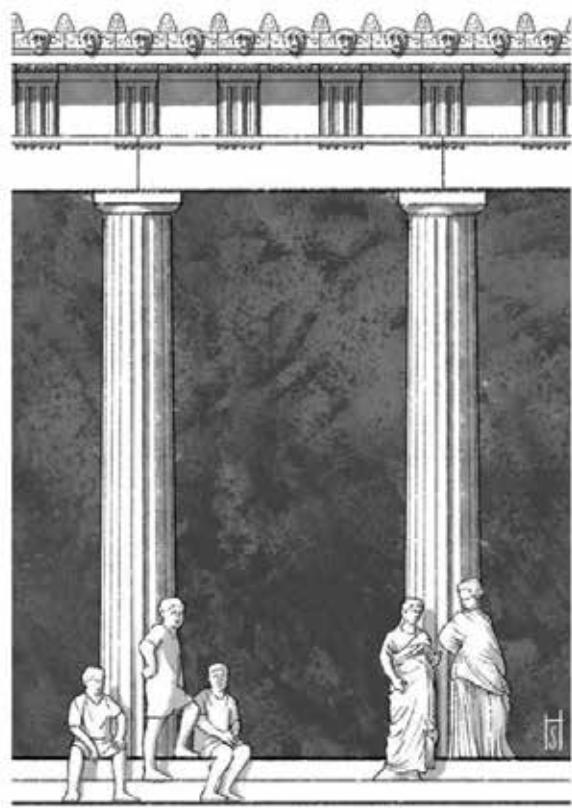
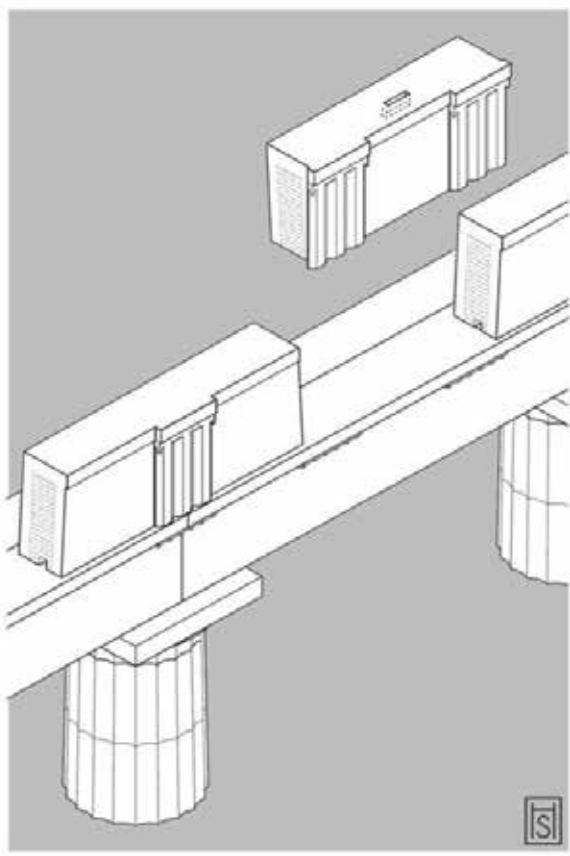


**ausonius**  
institut de recherche  
antiquité et moyen âge  
Umr 5607

**jeudi 13 mars 2025 à 18h**

Amphi archéo (ACH005) de la Maison de l'archéologie

## *The invention of the keystone frieze in Greek architecture: an early hellenistic "tipping point" in ancient structural engineering?*



Flat-arch construction in the Stoa, Samothrace (275-250 BCE)

**Samuel HOLZMAN - Assistant Professor, Princeton University**

*The use of flat arches (plate bande) in colonnades is a characteristic feature of Roman construction, appearing in major buildings in Rome beginning in the 1<sup>st</sup> century BCE. A new discovery on Samothrace, however, reveals the introduction of this building system almost two centuries earlier. In light of this new discovery, it now seems that his new way of building was not the result of gradual structural innovation in late Republican Rome. Instead, it illustrates a "tipping point" in structural thinking soon after the introduction of the masonry arch in Greece in the late 4<sup>th</sup> century BCE, which produced a cascade of new structural forms.*



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