

# Frontinus-Gesellschaft e.V.

Internationale Gesellschaft für die Geschichte  
der Wasser-, Energie- und Rohrleitungstechnik



**Cordial Invitation**  
**to the Online Lecture (ZOOM) on 11.04.2024, 6:00 pm (CET)**

**Michael Deniz Yılmaz, PhD**

## **The Joining and Laying of Stone and Clay Pipes in Inverted Siphon Systems (Lecture in English)**

Michael D. Yılmaz, completing his BA at Ankara University Archaeology Department (2012), MA at Ondokuz Mayıs University Archaeology Department (2015) and PhD at Atatürk University Classical Archaeology Department (2021) is working at Ondokuz Mayıs University as a research assistant since 2014. He has participated in several projects at ancient sites in Turkey, namely: Zeugma (Gaziantep/Nizip - 4 years), Karain Cave (Antalya/Döşemealtı - 2 years), Parion Excavations (Çanakkale/Biga - 8 years), Dombalaktepe Mound (Samsun/Atakum - 2 years) and finally Akalan Citadel (Samsun/Atakum - 2 years). Since 2022 he has been directing the ongoing project titled "Akalan Citadel and Environs (Samsun) Archaeological Survey".

Michael D. Yılmaz's research areas span from Roman legions and military equipment, to aqueducts and ancient hydraulics, as well as Black Sea archaeology. His thirst for learning more about ancient hydraulics began with his PhD studies which concluded with the dissertation titled "Aqueducts of Parion (Supply-Distribution-Discharge)".

Michael Deniz Yılmaz about his lecture:

*Pipes a necessity of the inverted siphon systems for Roman Aqueducts are known to have been made of (baked) clay, stone and lead. This presentation aims to introduce the already known information regarding the laying and joining of the stone and clay pipes for the production of inverted siphon systems, which has mostly been conveyed to us by ancient authors such as Vitruvius, Plinius and Palladius as well as modern researchers. Further information and insight into the already known information will be shared relating to the diverse and intriguing aspects of the application of pipes in inverted siphon systems during the Roman Age with field experiences and observations made during the studies for the PhD dissertation titled "Aqueducts of Parion (Supply-Distribution-Discharge)".*

The access data for the online meeting (ZOOM) are as follows:

<https://us02web.zoom.us/j/87933930044?pwd=dlk4REZ4S0NnL3k2RGN2TVdtZTd3Zz09>

Meeting-ID: 879 3393 0044, Kenncode: 631844

Prof. Dr.-Ing. Hans Mehlhorn  
President of the Frontinus Society  
Society

Dipl.Ing. Gilbert Wiplinger  
Head of the Scientific Board of the Frontinus