

# Frontinus-Gesellschaft e.V.

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



**Cordial Invitation**  
**to the Online Lecture (ZOOM) on 09.03.2023, 6:00 pm (CET)**

**Dipl.-Ing. Nikolaus Arndt**  
**„Die Zisterzienser und das Wasser-Kloster Aldersbach“**  
**(“The Cistercians and the Aldersbach Water Monastery”)**  
**(Lecture in German)**

Nikolaus Arndt studied civil engineering at the Technical University of Munich. His work in the construction industry has taken him to Germany, Austria and the Czech Republic, as well as to the management of major projects in New Delhi, Kuwait and Libya. The focus was on infrastructure measures such as drinking water and wastewater pipelines, sewage treatment plants, hydraulic engineering and tunnels for sewage and traffic systems. Very impressive was in Tajura (Libya) the connection of the local drinking water network with water from the GMMR project (Great Man Made River), in which fossil freshwater from the Sahara is pumped to the coast. Nikolaus Arndt is an officially appointed expert since 12 years. In addition to researching the historical infrastructure of the Aldersbach monastery, he is also involved in research of hidden subterranean tunnels ([www.erdstallforschung.de](http://www.erdstallforschung.de)), where there are always interfaces with underground constructions for spring catchments (water tunnels, qanats).

Nikolaus Arndt about the lecture:

*The history of Aldersbach Abbey is well researched. In particular, the website [www.alderspach.de](http://www.alderspach.de) by PD Dr. Robert Klugseder has been recording historical material since 2021.*

*Since 2020, Dr Klugseder (Academy of Sciences, Vienna), Wolfgang Vierling (Bauamt Gemeinde Aldersbach) and Nikolaus Arndt have been working on researching the infrastructure of the former Cistercian monastery from its foundation in 1146 onwards. Historical research has not dealt with this topic so far, also because of the complex structural problems.*

*In this lecture, the supply of process water, mill water and drinking water from the time of the foundation until the secularisation in 1803 and beyond will be presented for the first time. Previously unknown archive pictures showing a monastic latrine system will be shown, as well as a photo documentation of the walled power station canal under the monastery grounds. The illustration of a 1.7 km long wooden pipeline for transporting drinking water to the monastery according to the hydraulic principle of communicating pipes will arouse the interest of the audience in the medieval hydraulic engineering of the Cistercians.*

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

Dipl.Ing. Gilbert Wiplinger  
Head of the Scientific Board  
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