The dualistic and discrete combination of continuous threads to complex rhythmic patterns has been a paradigm for order in ancient Greek times. Weaving is a binary art, where each horizontal thread crosses either over or under a vertical thread. The aim of the PENELope Project is thus to integrate ancient weaving into the history of science and technology, especially digital technology. The project encompasses the investigation of ancient sources as well as practices and technological principles of ancient weaving. We set up a PENELopean laboratory where we detect the models and topologies of weaves and develop codes to make them virtually explorable.

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Kick-off Workshop

Thursday 11. May 2017
Alter Seminarraum, Deutsches Museum
Museumsinsel 1, 80538 Munich

9:30 Welcome
Ulft Hashagen (Deutsches Museum)
Weaving as Technical Mode of Existence
Ellen Harlizius-Klück (Deutsches Museum)

10:30 Break

10:45 Ancient Pattern Coding
Image and Structure: Weaving as Technical Term in Early Greek Literature
Giovanni Fanfani (Deutsches Museum)
Weaving Words: Sound, Rhythm, and Patterns in Latin Poetry on Weaving
Magdalena Öhrmann (University of Wales Trinity Saint David)
Codes, Signs and Threads: Anthropology of Technology and Knowledge
Flavia Carraro (Deutsches Museum)

12:30 Lunch break

13:30 Pattern, Coding and Music
Sonification of Andean khipu Code
Dave Griffiths (FoAM Kernow, Cornwall), Julian Rohrhuber (Institute for Music and Media, Düsseldorf)
Live Coding with a Musicbox
Alex McLean (Deutsches Museum)
Decoding Music with Player Pianos
Rebecca Wolf (Deutsches Museum)
Excursion to the Player Piano in the Exhibition

15:15 Break

15:30 The PENELope Laboratory
Ellen Harlizius-Klück, Dave Griffiths
Summary and final discussion

16:30 End of workshop

Friday 12. May 2017
10:00 - 12:00 Laboratory Presentation at the Museum for Plaster Casts of Classical Sculptures, Katharina von Bora Straße 10, 80333 Munich