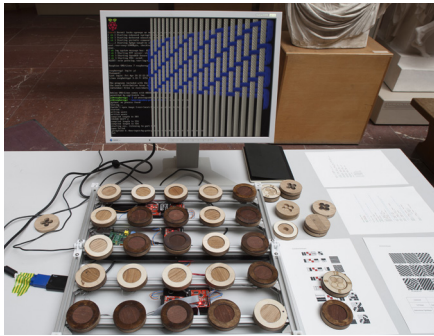




Kick-off Workshop

PENELOPE

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.



Thursday 11. May 2017

Alter Seminarraum, Deutsches Museum
Museumsinsel 1, 80538 Munich

9:30 **Welcome**

Ulf 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 *kipu* Code

Dave Griffiths (FoAM Kernow, Cornwall), Julian Rohrer (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



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Deutsches Museum

