

The fact that computing is becoming ubiquitous does not necessarily mean that it is migrating to devices that are increasingly mobile, but that it is becoming an infrastructure that is merging more and more with the background of our living environment. We no longer live only with and through cultural techniques, but increasingly *in* cultural techniques.

But the cultural technique of calculation has not only become "environmental" since the ubiquity of computation turned cultural techniques into enviroing techniques. Cultural techniques like calendars, clocks, constellations, addresses, maps, registers, but also aqueducts, ships, routes and routines have always been infrastructural media. Computation must and has always had to "reckon with everything", with the materialities of the media that define the environmental conditions of computability, as well as with practices of extracting, storing and transferring data.

This conference invites to describe the environmentality of computation as comprehensively as possible on the basis of selected settings.

**Concluding Conference of the
NOMIS Project THE NEW REAL**

**March
26–28
2024**

**Festsaal
Goethe-Nationalmuseum
Weimar**

**RECKONING
MIT
ALLEM
RECHNEN**  **WITH
EVERYTHING**

Tuesday, March 26

10.00 Bernhard Siegert
Welcome and Introduction

11.00 Panel 1 *moderated by Angelika Seppi*
Calculating Machines and their Cultures

11–11.30 Bernhard J. Dotzler
Datafication and Computation after
Charles Babbage

11.30–12 Jeffrey West Kirkwood
Capitalizing on Difference: Parallel Processing
and the Financialization of Language

Q&A until **12.30**

Lunch break **12.30–14**

14.00 Panel 2 *moderated by Moritz Hiller*
Math and Matter

14.30–15 Christina Vagt
Forgetful Functors

15–15.30 Ranjodh Singh Dhaliwal
Computation and/as Heat: On Epistemologi-
cal Systems of Informational Infrastructures

15.30–16 Christoph Rosol
Tubed Climate Signals

Q&A until **16.30**

Coffee break until **17.00**

17–18.30
Keynote: Jussi Parikka
Plugin Wind, and Other Software Weather
moderated by Helga Lutz

Conference-Dinner at **19.00**

Wednesday, March 27

10.00 Panel 3 *moderated by Bernhard Siegert*
Reckoning with Enviroing Media

10.30–11 Sebastian Vehlken
Maritime Digital Twins. From Bridges Simula-
tors to Regimes of Infrastructure Control

11–11.30 Adam Wickberg
A Predicted Ocean: Co-environing the Ocean
and Climate

Q&A until **12.30**

Lunch break **12.30–14**

14.00 Panel 4 *moderated by Angelika Seppi*
Towards the Planetary

14.30–15 Eva-Maria Gillich
One more Image of the Earth

15–15.30 Gabriele Gramelsberger
Full Machine Readability of the World

15.30–16 Orit Halpern
The Planetary Experiment

Q&A until **16.30**

Coffee break until **17.00**

17–18.30
Keynote: Anna Echterhölder
Contract Time, Or How to do Things with Units
moderated by Charlotte Bolwin

Thursday, March 28

10.00 Panel 5 *moderated by Benedikt Merkle*
Beginnings and Ends of Reckoning

10.30–11 Aleksander Dzbyński
Weight as a Measure of the Idealisation of
Worldviews from Prehistory to Modern Times

11–11.30 Geoffrey C. Bowker
The Ends of Computing

Q&A and final discussion until **12.30**



**Bauhaus-Universität
Weimar**