

di:'angewandte

Universität für angewandte Kunst Wien
University of Applied Arts Vienna

Contact

Univ.-Prof. Dr. Ingeborg Reichle
Department of Media Theory
University of Applied Arts Vienna
Oskar Kokoschka Platz 2
1010 Vienna, Austria

www.medientheorie.ac.at
www.dieangewandte.at



SYMPOSIUM

Fluid Visualisation and Sound Matters: Bridging Art, Science, and Visualisation

July 6, 2017

The symposium will bring together artists, scientists, and experts working in the field of scientific visualisation and visual effects to develop a cross-disciplinary understanding of how art and science contribute to raising awareness of the current massive ecological crisis of marine ecologies and identify a suitable epistemological framing for this global challenge. Overfishing, pollution, acidification, and rising temperatures due to climate change are the main factors that have been putting tremendous stress on marine ecologies for decades. With plastics and plasticisers as well as noise pollution in the oceans, we have relatively new, emerging phenomena that defy the regulatory definitions of pollution. The sciences involved in tracking, analysing, and understanding the ecological crisis of marine ecologies face severe epistemological problems, because the methods used hitherto are failing: The emerging phenomena are both novel and occurring on an unprecedented global scale. The symposium will provide a spectrum of artists' responses to the current transformation of our oceans at the dawning of the Plasticene age, presenting aesthetically powerful art projects that seek to reach out to and inform a global audience and to foster positive changes in consumer habits.

14:00-14:15

Welcome

Gerald Bast

Rector, University of Applied Arts Vienna

14:15-14:30

Fluid Visualisation and Sound Matters

Ingeborg Reichle

*Department of Media Theory,
University of Applied Arts Vienna*

14:30-15:00

From Liquid to Solid and Back

Reiner Maria Matysik

*Department of Design, University of Art and Design,
Halle (Saale)*

15:00-15:30

The Sea Around Us

Pinar Yoldas

*Penny W. Stamps School of Art and Design,
University of Michigan, Ann Arbor*

15:30-16:00

Aquatocene — Subaquatic Quest for Serenity

Robertina Šebjanič

Artist, Ljubljana

16:00-16:15 Coffee Break

16:15-16:45

Life in Plankton: Study Methods and Diversity

Thomas Schwaha

*Department of Integrative Zoology,
University of Vienna*

16:45-17:15

From Images to Models: Using 3D Imaging Techniques for Generating Accurate Models of Microscopic Animals

Stephan Handschuh

*VetCore Facility for Research, University of Veteri-
nary Medicine Vienna*

17:15-17:45

NOISE AQUARIUM Visualisation

Martina Fröschl and Alfred Vendl

*Department of Digital Art, University of Applied Arts
Vienna and Department of Digital Art (Science
Visualization Lab), University of Applied Arts Vienna*

17:45-18:00 Coffee Break

18:00-19:00 Keynote

Minding the Macro-Micro BioMe

Victoria Vesna

*Director, UCLA Art Sci Center, Department of Design
Media Arts, University of California, Los Angeles, and
Visiting Professor at the universities of Tsukuba and Linz*

VENUE

*Angewandte Innovation Lab (AIL),
University of Applied Arts Vienna
Franz-Josefs-Kai 3, 1010 Vienna*