

Leonardo LASER Talk Series Vienna

Shenzhen Molecular Speed

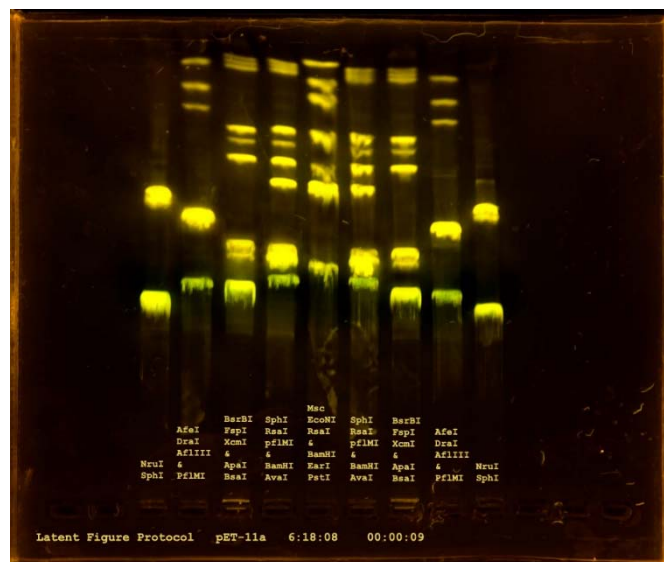
Troubled Markets for Gene Editing Tools?

Chairs: Lucie Strecker, Jens Hauser, Klaus Spiess

Cheap molecular tools usher in a new era of speed in shifting power. Gene editing, for instance, reconfigures natural and social orders and affects one of the most powerful paradigms of aesthetic production, namely the animation of Pygmalion´s statue. Beyond justified fears of such an era, this talk tries to explore how applying these tools might contribute to a peaceful coexistence of all species on Earth and beyond?

This LASER talk is embedded in a performative symposium titled “Applied Microperformativity: Live Arts for a Radical Socio-Economic Turn” and asks whether both, artistic media and new biotech markets go beyond the central dogma of molecular biology, with its unidirectionality of information flow from DNA to RNA to metabolism, which conflicts ecological circuits. Might cheap molecular tools provide new concepts for the industry? Is waste to become an asset instead of a liability?

Contributions come from anthropological research on Asian biotech cities, from ecogenomics, from cutting-edge (artistic) research on biomedica and from new-to-nature microbes before finally, molecular hands-on residencies for artists are outlined.

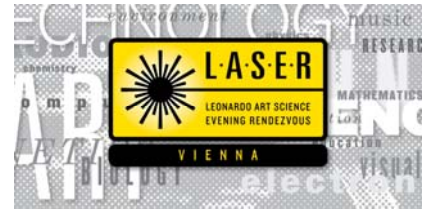


LATENT FIGURE PROTOCOL: Skull and Bones by Paul Vanouse, 2008

Venue: Angewandte Innovation Laboratory (AIL), University of Applied Arts Vienna, Franz-Josefs-Kai 3, 1010 Vienna, **Time:** Saturday, December 15, 2018, 06.15 pm

Host: Klaus Spiess

Co-Ordinator: Susanne Gahbauer



Speakers:

S. Eben Kerksey (AU/US) Remaking Life with Shenzhen Speed (20 min)

is an associate professor of anthropology at Deakin University in Melbourne, Australia. He has published two books with Duke University Press—Freedom in Entangled Worlds (2012) and Emergent Ecologies (2015)—as well as one edited collection: The Multispecies Salon (2014).

Christa Schleper (DE) Diversity Matters: Molecular Tools in Natural Microbial Communities (10 min)

is a professor and head of the Department of Ecogenomics and Systems Biology at the University of Vienna. Her research interest is the development and application of metagenomic approaches to natural microbial communities and microbe-host systems

Jens Hauser (DE/DK/FR) Molecular tools as biomedica (10 min)

is a media studies scholar and art curator focusing on hybrid aesthetics. He is affiliated to the Department of Arts and Cultural Studies and at the Medical Museion at the University of Copenhagen and the Department of Art, Art History and Design at Michigan State University

Markus Schmidt (A) New-to-nature microbes to harmonize global ecological and industrial cycles (10 min)

is founder of BIOFACTION KG, a research, technology assessment and art-science company in Vienna, and has carried out environmental risk and public perception studies in fields such as gene therapy and synthetic biology

Paul Vanouse (US) The America Project (installation)

is an artist and professor of art at the University at Buffalo, NY, where he is the founding director of the Coalesce Center for Biological Art. His bio-media and interactive cinema projects have been exhibited in over 25 countries and widely across the US



For further information and registration please go to

<https://www.leonardo.info/civicrm/event/info?reset=1&id=273>

The Leonardo Art Science Evening Rendezvous (LASER) series features short lectures and presentations on art, science and technology. Founded in 2008 by LASER Chair Piero Scaruffi on behalf of Leonardo/ISAST, LASER Talks are now presented at venues across the U.S. and internationally. Each evening includes presentations of art/science projects, news from the audience, and time for casual socializing/networking.

#LaserTalks

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