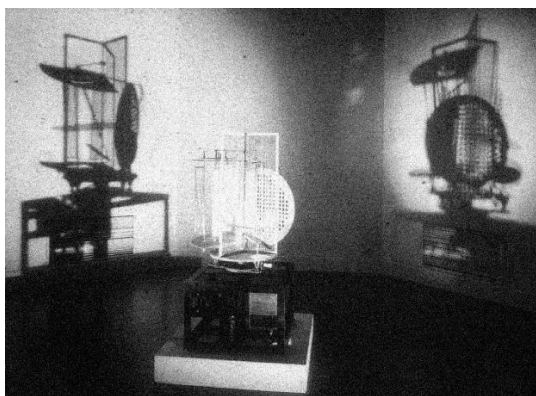


## LIGHT ART COURSE

MOME – MOHOLY UNIVERSITY OF ART AND DESIGN 2024-2025 / 2<sup>nd</sup> semester:

**Lumino-kinetics from Moholy to the present day** / Márton OROSZ, art historian specialized in the Art of Light, director of the Vasarely Museum in Budapest  
- theory class



About the lecturer: <https://act.mit.edu/about/people/marton-orosz/>

30

**Creative use of light in photography and animation** / Márton OROSZ, art historian, director of the Vasarely Museum Budapest

- theory class

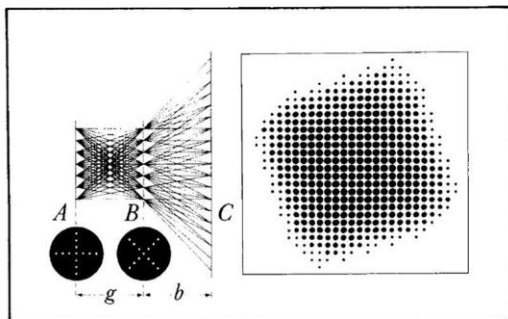
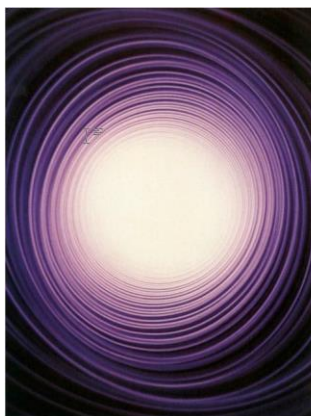


Fig. 2. Apparatus system of *Pinhole Structures*. Multiple pinhole camera combined with light pattern subject. A: Light pattern subject, variable. B: Multiple pinhole, variable. g: Distance A-B, variable. b: Distance B-C, variable. C: *Pinhole Structure*, result.

About the lecturer: <https://act.mit.edu/about/people/marton-orosz/>

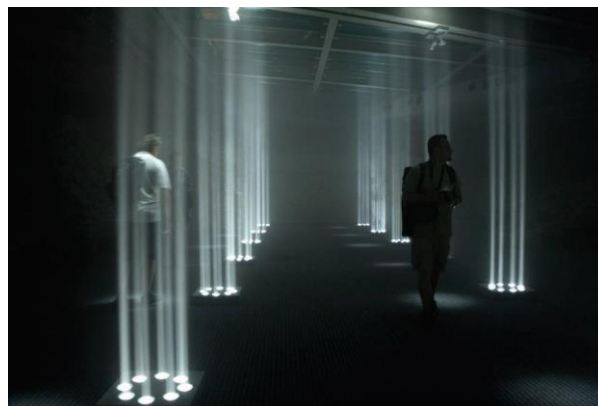
**Archeology of the projected image** / László Zsolt BORDOS, projectionist, light artist  
- theory class



Laszlo Zsolt Bordos will present a lecture about the key moments of the archaeology of projected images and the history of video mapping.

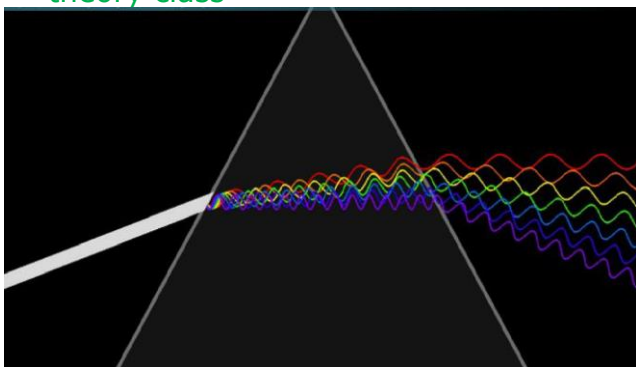
About the lecturer: <https://vimeo.com/bordos/mapping> / <http://bordos.eu>

**Alternative Light and Space** / Erik MÁTRAI, light artist  
- theory class



About the lecturer: <http://www.erikmatrai.com/>

**Meaningful Light** / Anett RAGÓ PhD., Psychologist  
- theory class

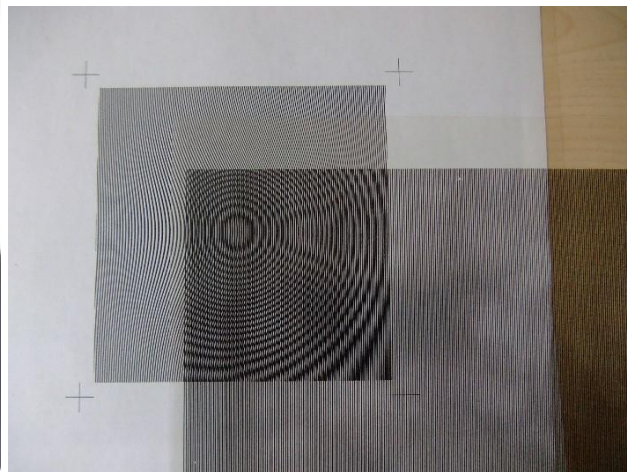


About the lecturer:

[https://doktori.hu/index.php?menuid=192&sz\\_ID=10050&lang=EN](https://doktori.hu/index.php?menuid=192&sz_ID=10050&lang=EN)

### Animation games, optical toys / Nándor BOKOR PhD physicist

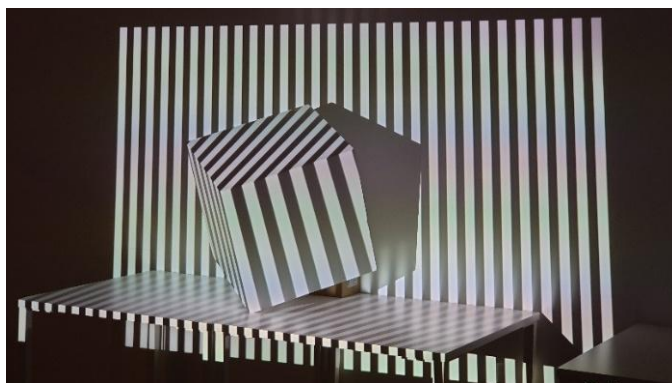
- theory class



About the lecturer: [https://dept.physics.bme.hu/Bokor\\_Nandor?language=en](https://dept.physics.bme.hu/Bokor_Nandor?language=en)

### 3d mapping with MadMapper / Gáspár BATTHA, projectionist, light artist

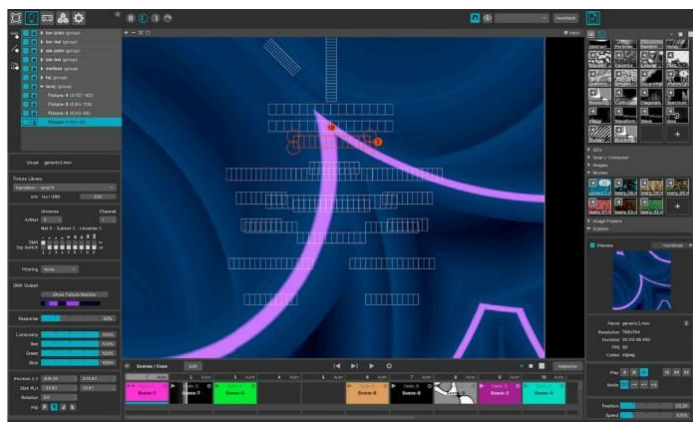
- practical class



About the lecturer: <https://gasparbattha.com/>

### LED Light Control with MadMapper / Gáspár BATTHA, projectionist, light artist

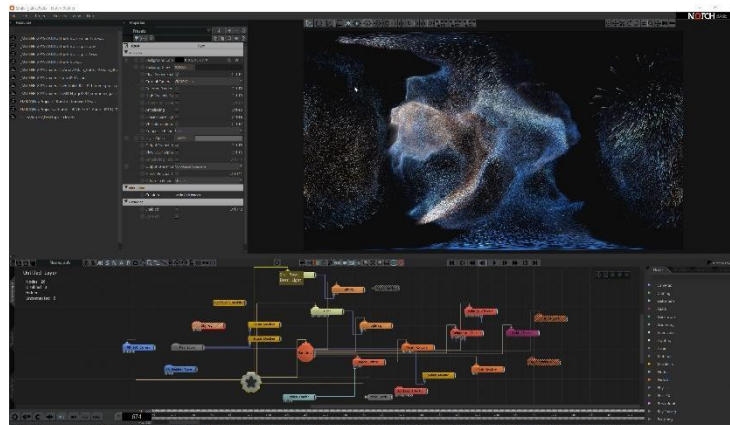
- practical class



About the lecturer: <https://gasparbattha.com/>

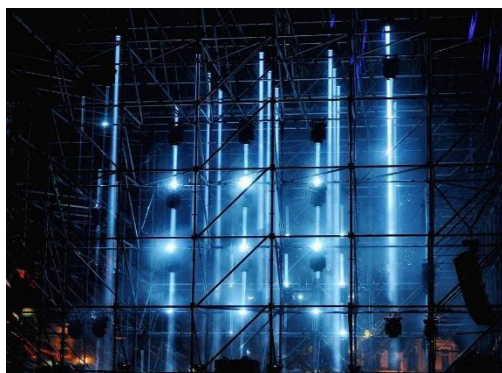
First part:

**A brief introduction to creating realtime visuals with Notch / László Zs Bordo**  
- practical class



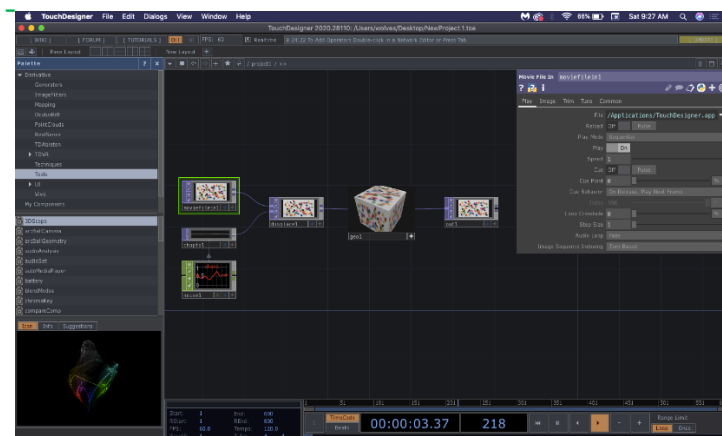
Second part:

**Light Art in the 21st Century / László Zsolt Bordo** - theory class



About the lecturer: <https://vimeo.com/bordos/mapping> / <http://bordos.eu>

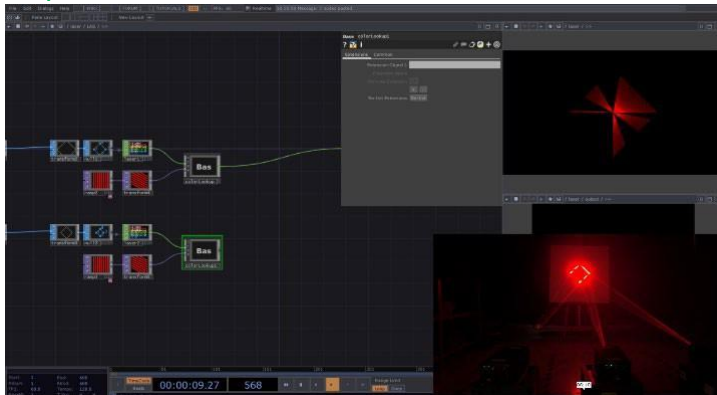
**3d mapping with Touchdesigner / András NAGY, projectionist, light artist**  
- practical class



About the lecturer: <https://andrasnagy.xyz>

## Laser Control with Touchdesigner / NAGY András, projectionist, light artist

### - practical class



About the lecturer: <https://andrasnagy.xyz>

### More information about the course:

#### The purpose and principles of the course:

History considers László Moholy-Nagy the leading figure of light art. According to art historical research so far, he created the world's first light art installation, entitled: Light-Space-Modulator, in 1930-1931. This is the starting point. Art history takes into account the further development of light art, through the 60s, 70s, 80s, until today. Light art endeavors have now reached full recognition, and with the advent of the digital age, it has taken on new and new forms.

The Light Art Course aims to introduce the art of light, both in theoretical and practical classes. The theoretical classes are intended to familiarize with the key moments of the development of light art, while the practical classes allow you to learn about the possibilities of spatial projection (3D mapping), LED and laser control. The lecturers of the course are internationally recognized scientists and artists.

#### Students' duties and responsibilities:

- getting to know the course material given in theoretical classes
- mastering technical creative methods: 3d mapping, Led and Laser control
- acquisition of software and hardware knowledge

#### Evaluation aspects:

- attitude
- preparation and competences
- originality, artistic values

#### Proposed literature:

László Moholy-Nagy: Vision in Motion  
György Kepes: Towards Civic Art

#### Proposed films:

THE NEW BAUHAUS / Trailer: <https://www.youtube.com/watch?v=Efz67zwDU6k>  
INTERTHINKING ART + SCIENCE / Trailer: <https://www.youtube.com/watch?v=sqPi3fb8VbQ>

**Light art course / 5 credits / semester** - initiated and organized by László Zsolt Bordos (40 contact hours) in collaboration with MOME - Moholy University of Art and Design since 2021