



**VV034  
PHOTOGRAPHY**

**Special Effects /  
Experimental  
approaches**

**Mgr. et MgA. Veronika Lukášová, Ph.D.**





### PREREQUISITE:

#### **1. COMPLETION AND SUBMISSION OF AT LEAST 3 PHOTOGRAPHY ASSIGNMENTS.**

2 of these can be assignments completed during the class, **at least 2 have to be an independent assignments** - either selected from the list or an individual assignment. Please consult the independent and individual assignment prior to starting the work.

#### **2. PASSING THEORETICAL EXAM**

#### **3. MAXIMUM OF TWO ABSENCES**

Project consultation in person on Tues, Weds and Thur.

Pls email me to arrange

18968@mail.muni.cz



## ASSIGNMENTS SUBMISSION GUIDELINES:

Each assignment will be submitted as a pdf with a considered vertical layout including clear titling, photos and accompanying text.

**Header must include:** name of the photographer, name of the assignment, name of the module, year

**Accompanying text** will describe your creative process, research, references.

Think of it as your own picture story in a magazine!

Don't forget to include page numbering. Please also

submit individual jpgs used in the pdf titled: Last name\_First name\_assignment\_name\_VV045\_date\_number of the photo in the sequence.

\* Have fun with it! Description can be: haiku, image captions, a piece of a novel that has inspired you...surprise us!

# Long exposure portrait

ANDREJ KRISAR, 1983

Mist mother, 2006

<https://www.bukowskis.com/en/auctions/639/137-anders-krisar-mist-mother-2006>





**Colour  
subtraction  
shadow**



# Colour only exists in your brain!



**450** trillion  
oscillations per second



**750** trillion  
oscillations per second

# Colour subtraction experiment



<https://www.youtube.com/watch?v=5Mjefp037wU>



PhysicsPlace **Light explained 2: Colour subtraction** Share

**Red** **Green**

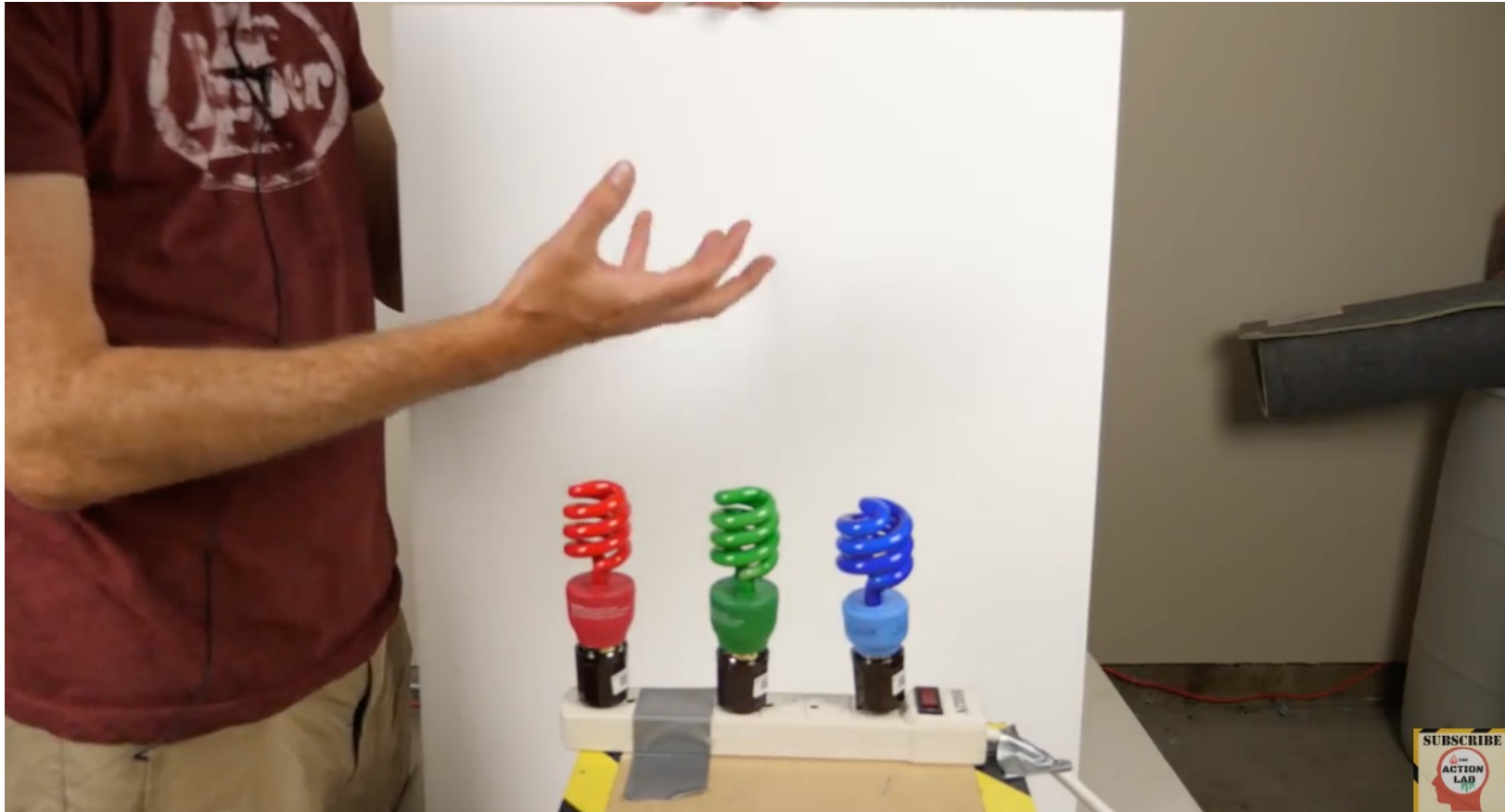
More videos ×

- PhysicsPlace **Light**  
Ultraviolet and Infrared
- PhysicsPlace **Radiation**  
Radioactivity  
What is it?
- PhysicsPlace **Optics**  
Drawing an image with a converging lens
- PhysicsPlace **Quantum**  
What is quantum?

5:46 / 10:23 **White** ⚙️ **YouTube** 🗨️ 📺

[https://www.google.com/search?q=subtraction+colour+shadows+explained&client=safari&rls=en&source=lnms&tbm=vid&sa=X&ved=2ahUKEwiJplzioKH-AhVQhf0HHfwVArYQ\\_AUoAnoECAIQBA&biw=1363&bih=772&dpr=2#fpstate=ive&vld=cid:ff9a1b41,vid:tyNeccnZTg8](https://www.google.com/search?q=subtraction+colour+shadows+explained&client=safari&rls=en&source=lnms&tbm=vid&sa=X&ved=2ahUKEwiJplzioKH-AhVQhf0HHfwVArYQ_AUoAnoECAIQBA&biw=1363&bih=772&dpr=2#fpstate=ive&vld=cid:ff9a1b41,vid:tyNeccnZTg8)

# Colour subtraction experiment



[https://www.google.com/search?q=subtraction+colour+shadows+explained&client=safari&rls=en&source=lnms&tbm=vid&sa=X&ved=2ahUKewiJplzioKH-AhVQhf0HHfwVArYQ\\_AUoAnoECAIQBA&biw=1363&bih=772&dpr=2#fpstate=ive&vld=cid:ad221875,vid:sBUdhgcljXo](https://www.google.com/search?q=subtraction+colour+shadows+explained&client=safari&rls=en&source=lnms&tbm=vid&sa=X&ved=2ahUKewiJplzioKH-AhVQhf0HHfwVArYQ_AUoAnoECAIQBA&biw=1363&bih=772&dpr=2#fpstate=ive&vld=cid:ad221875,vid:sBUdhgcljXo)



# Panning/ Motion blur



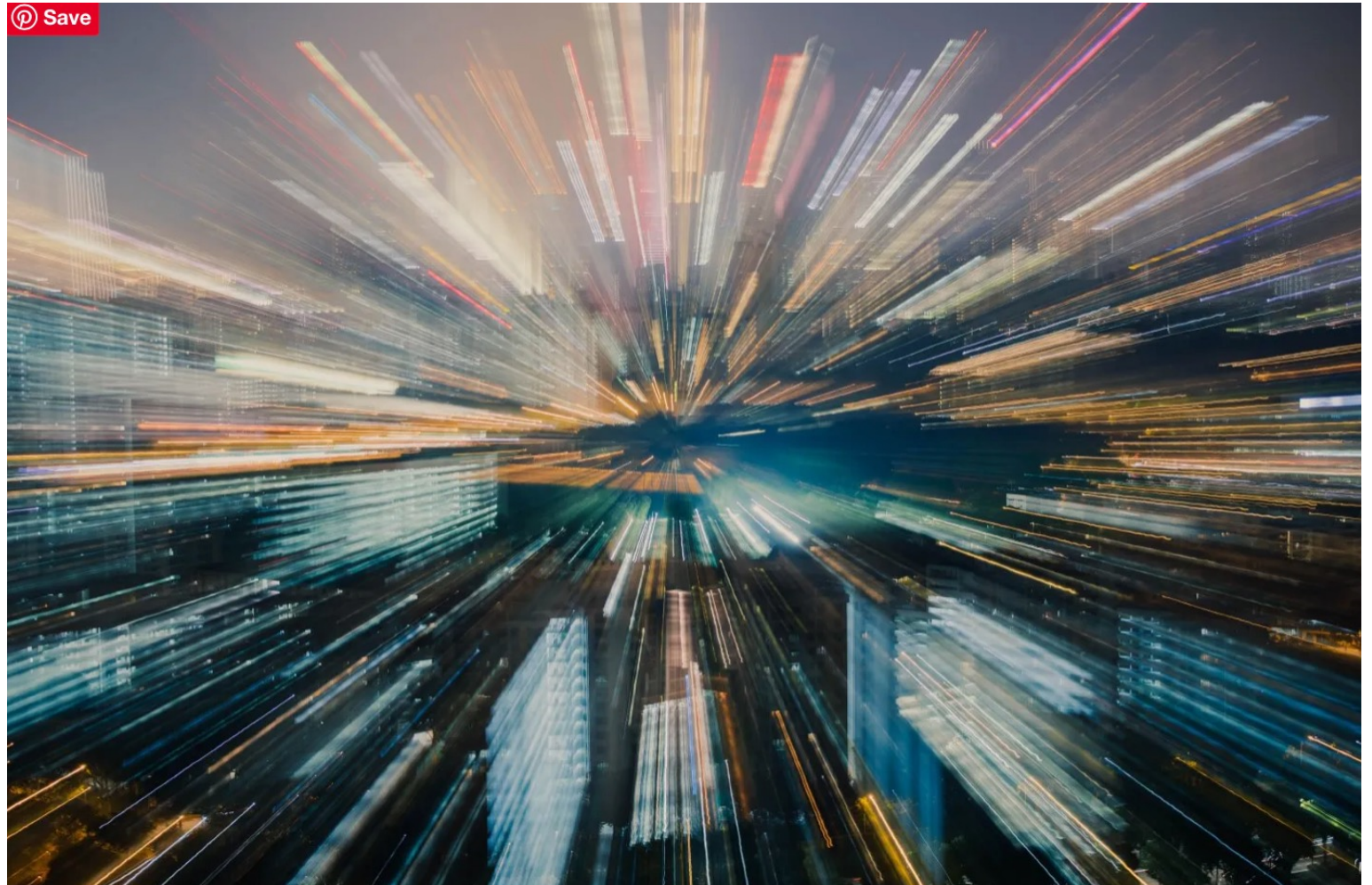


# Water!

## Optical effects



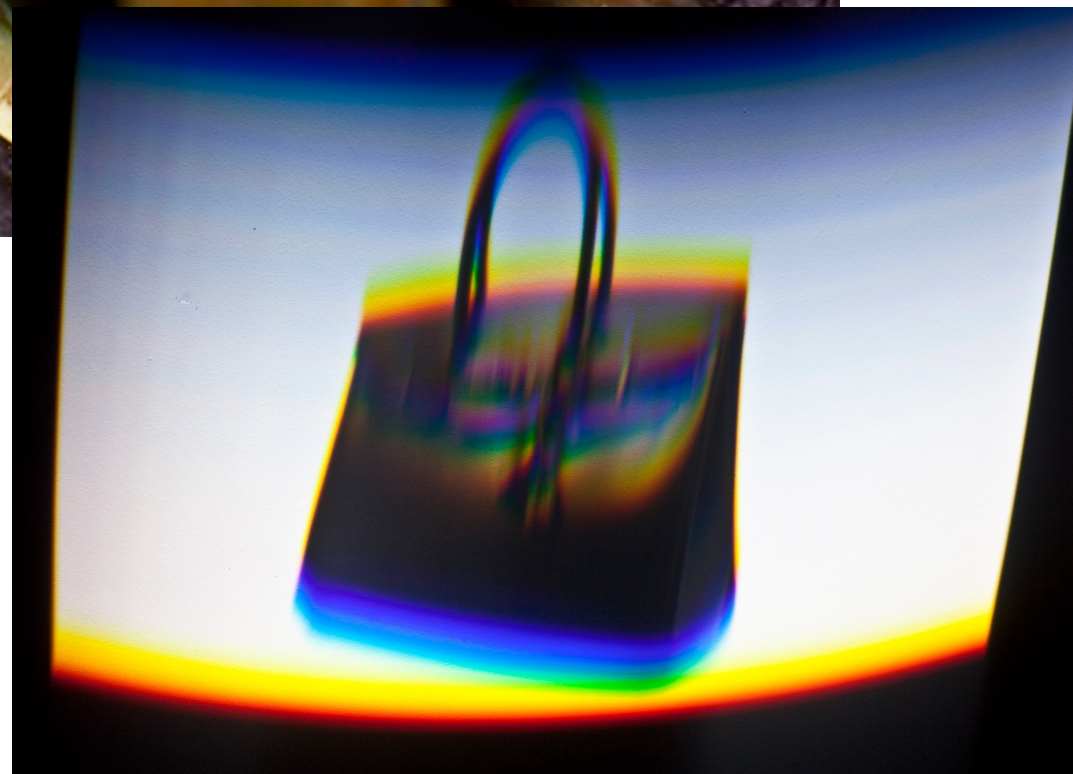




<https://digital-photography-school.com/using-the-zoom-effect/>



# DIY lens filters





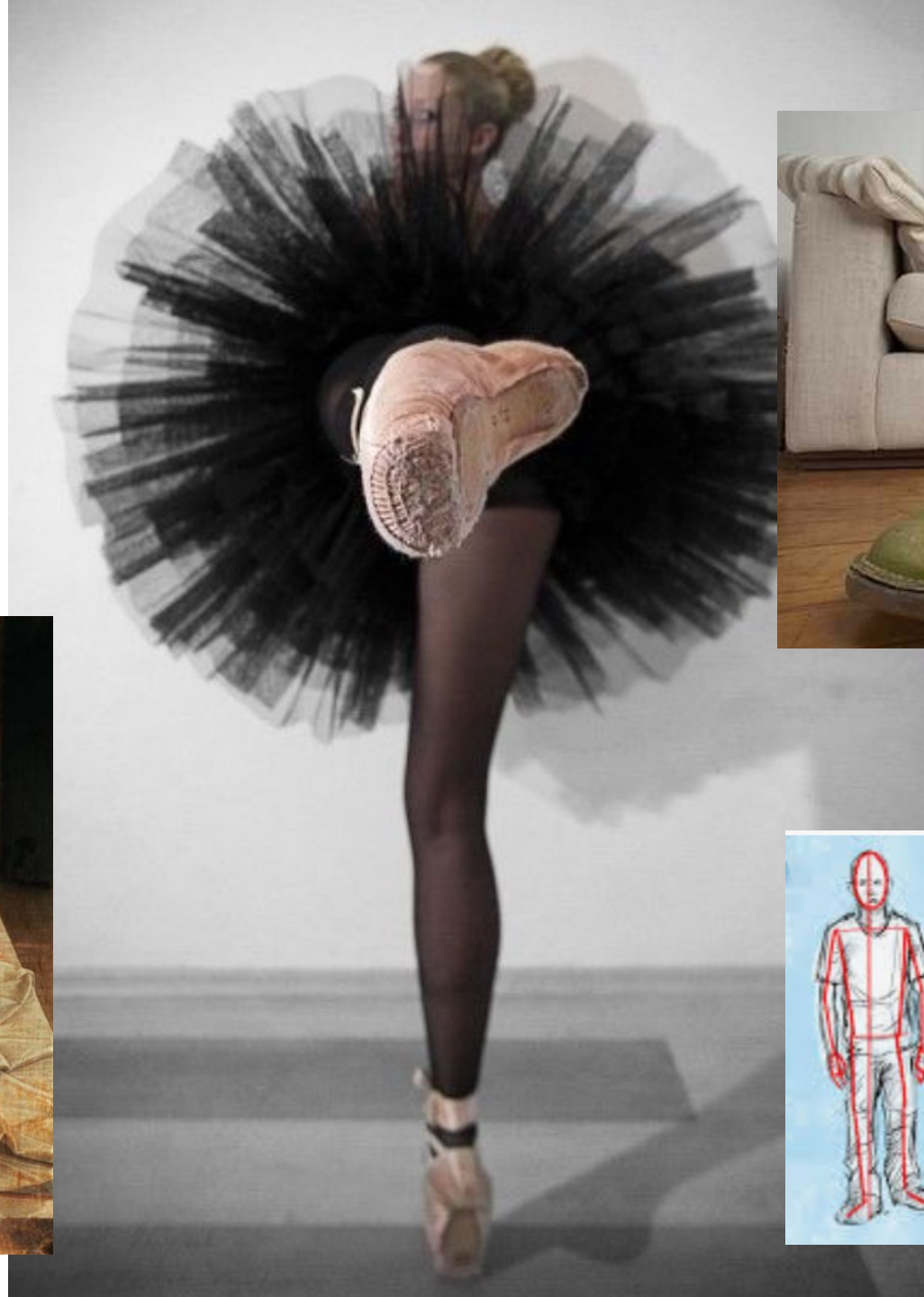
# Photography sandwich





# Foreshortening In Photography

foreshortening, method of rendering a specific object or figure in a picture in depth.

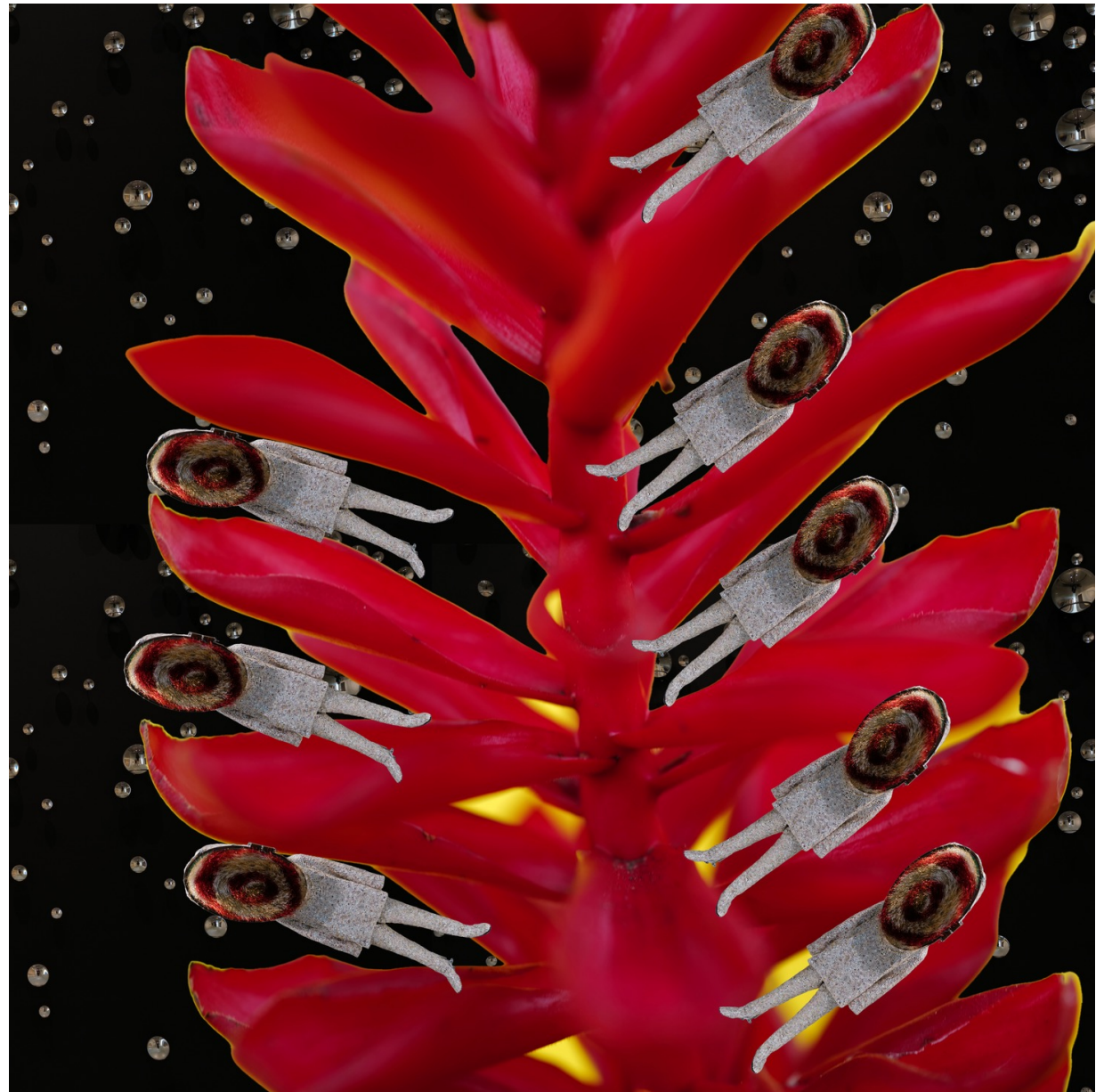




# Digital Collage



Veronika Lukasova  
From series *I did not follow instructions*, 2023





# Phone photography hacks

Veronika Lukasova, 2022



Jason Horowitz, Photospheres



A close-up photograph of a person's hand holding a camera lens. The hand is positioned on the left side of the frame, with the fingers wrapped around the lens. On the ring finger, there is a blue, crumpled paper ring. The lens is white with black markings, including the word 'OFF' and the number '2'. The background is a plain, light-colored surface.

**IMAGE  
IS  
MY  
MUSE**

**Dr. Veronika Lukášová**  
**Photographer, Lecturer, Writer**

**Photography Lecturer**  
**Department of Visual Computing**  
**Masaryk University,**  
**Brno, Czech Republic**



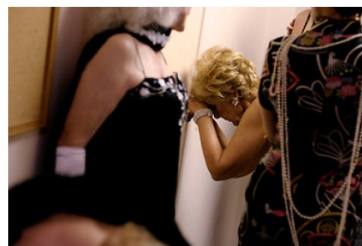
→ **DEMOLITION  
DERBIES  
2003-2004**

- Maine Photographic Workshops in 2003 / 5 week immersive programme Maine, USA
- Black and White photography in 35mm and medium formats + Advanced darkroom techniques



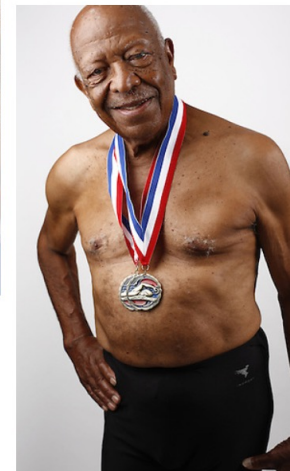
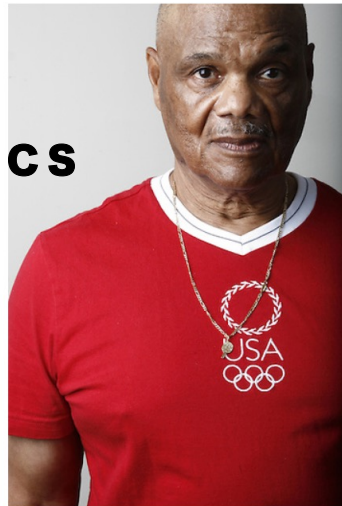


→ **MS SENIOR  
AMERICA  
2004-2007**





→ **SENIOR OLYMPICS  
2005-2009**





→ **DOCUMENTING  
THE RE-  
ESTABLISHMENT  
OF DIPLOMATIC  
TIES BTW USA  
AND LIBYA FOR  
THE ATLANTIC  
MONTHLY,  
2006**





→ **PHOTOGRAPHER  
FOR THE  
EMBASSY OF  
THE CZECH  
REPUBLIC IN  
THE USA**

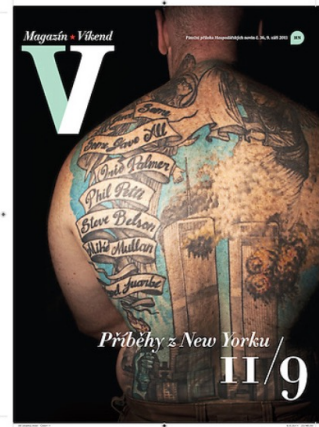
**2000-2009**

→ Photographer for the official governmental visits to US: Vaclav Havel, Vaclav Klaus, Milos Zeman and others





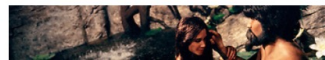
# → TEARSHEETS / INTERNATIONAL PUBLICATIONS



## the House Belongs to Its Dweller

PHOTOGRAPHS BY VERONIKA LUKASOVA

(Clockwise from top left) A man and his goat ride a truck from photographing couples for a film in the hills of Kurdistan (Greece, Spain), in the heart of Libya.



People finding refuge from the summer heatwave in the gardens on top of Queen Elizabeth Hall, London, UK. Photograph: Veronika Lukasova/ZUMA Press-Combi



## NATIONAL GEOGRAPHIC Daily News

### Yuri Gagarin: First Human Space Flight in Pictures



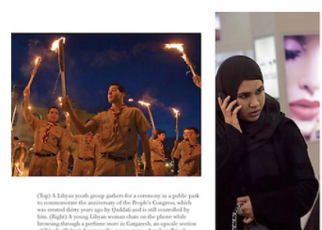
### Gagarin's Guidance System

Photograph by Veronika Lukasova, ZUMA Press-Combi



## TIME Global Spin

### A Royal Party: The Commonwealth Celebrates 60 Years of Queen Elizabeth II







**MY PHOTOGRAPHY  
EXPERIMENTS  
FEEL LIKE I AM ON  
ADVENTURE TO  
UNCHARTED  
LANDS...FINDING  
TREASURE IN A FORM  
OF UNEXPECTED  
IMAGE**

→ Four Thousand Weeks  
Time Management for Mortals  
by Oliver Burkeman

# **Living in deep time vs Time as an abstract entity**

**Untroubled by any notion of time ticking away the medieval person might have experienced a heightened awareness of the vividness of things, the feeling of timelessness that can also be called 'living in deep time'.**

**The boundary separating the self from the rest of reality grows blurry and time stands stills. The clock does not stop but we do not hear it ticking (Gary Eberle, p 21).**

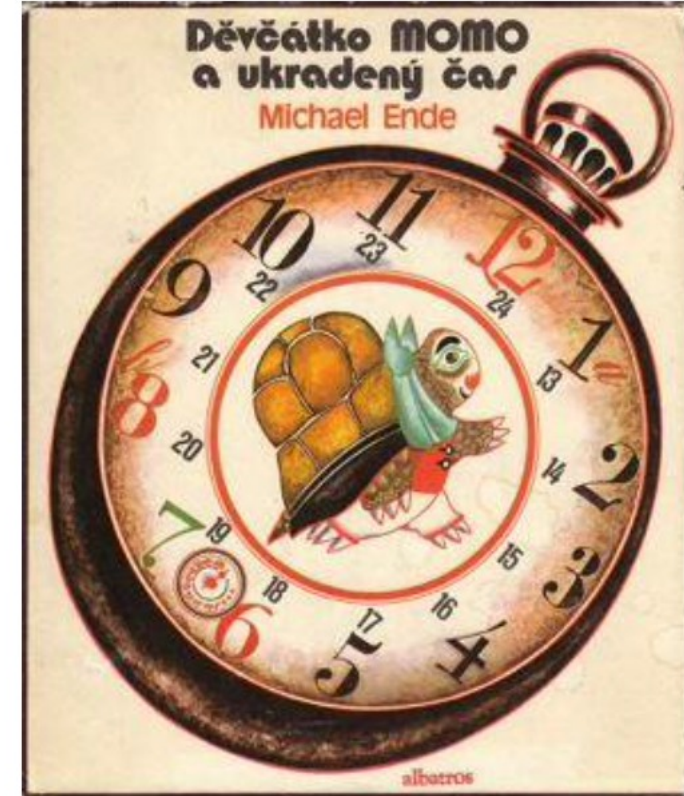


→ Four Thousand Weeks  
Time Management for Mortals  
by Oliver Burkeman

# Time as an abstract entity

**First mechanical clocks came to be invented by monks who had to get up for a morning prayer.**

**Making time visible encouraged people to think of it as an abstract thing with independent existence.**



*Momo*, also known as *The Grey Gentlemen* is a fantasy novel by Michael Ende, published in 1973. It is about the concept of time and how it is used by humans in modern societies.



→ Four Thousand Weeks  
Time Management for Mortals  
by Oliver Burkeman

**Once time and life  
became separated,  
time became in the  
minds of people  
something that can be  
used – a thing,  
resource.**

**And you feel the  
impetus of ‘using the  
time well’**

**For a photographer,  
time has two layers.**

**The base layer is the  
'ticking' time. We seek  
the version of this  
time as immersive  
'living in deep time'.**

**The upper, meta-layer,  
is the manipulated  
time in the camera -  
freezing time to letting  
time flow slowly. I  
always felt that is  
precisely what sets  
photography apart  
from other art  
mediums.**



# Occurrences : Photo as a film scene 2004-2008







→ **OCCURRENCES / NYC SERIES**  
**2006**









→ **OCCURRENCES /  
CZECH REPUBLIC  
SERIES  
2006-2007**

















Reception: Tuesday, January 8, 2008  
6pm - 8pm  
Exhibition: January 8 - February 9, 2008

**RAYKO**  
PHOTO CENTER

Panoramic  
holga  
images by

**VERONIKA  
LUKASOVA**  
Occurrences



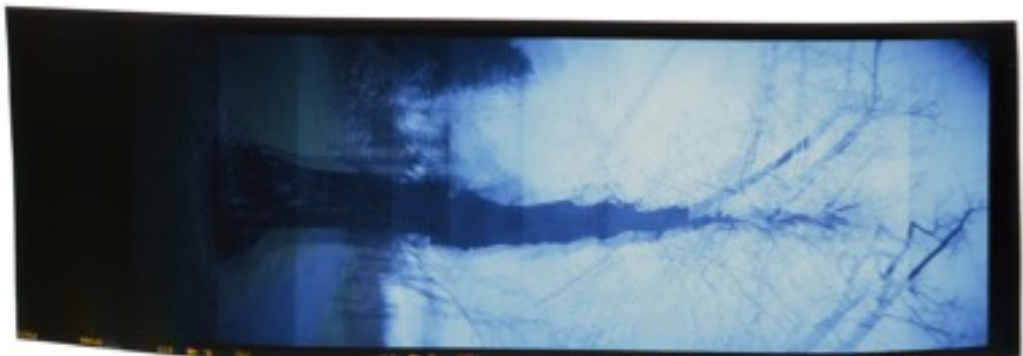


→ **UNDERGROUND  
OCCURRENCES  
2012-2013**

*in 'collaboration' with the oldest  
form of life on earth'*

- Exploration of a destructive exposure process where man-made chemical compounds are exposed to single-celled organisms and vicissitudes of soil acting in complete darkness.
- The artwork burial was conceived as an experimental 'art' residency curated project 'Roadside Museum' by John O'Hare and Gordon Culshaw. Roadside Museum has been exhibited in 2014 in FYC Gallery in Blackpool and 2015 in Basement Art Projects in Leeds.



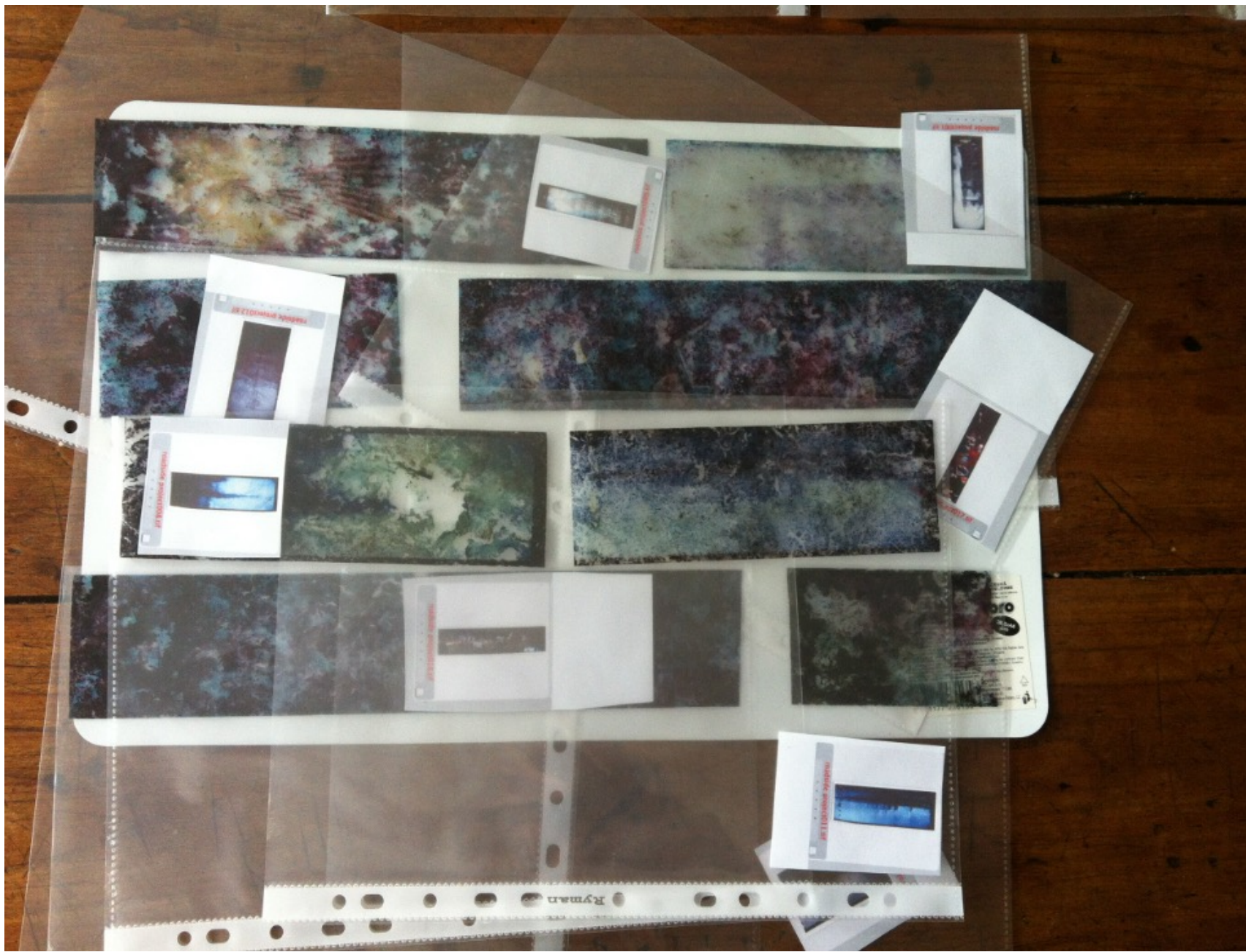




→ After one year buried underground in a depth of five meters for a duration of 1 year, the artworks are dug out









→ Exposed to the elements of weather, acidity and soil microbes for a year, the gelatin dyes forming the positive image metamorphosed into a dramatically different visual.

→ The original images can still be made out beneath a subsequent rendering. The complex image that has taken over, captures a new moment in the ongoing process of change.

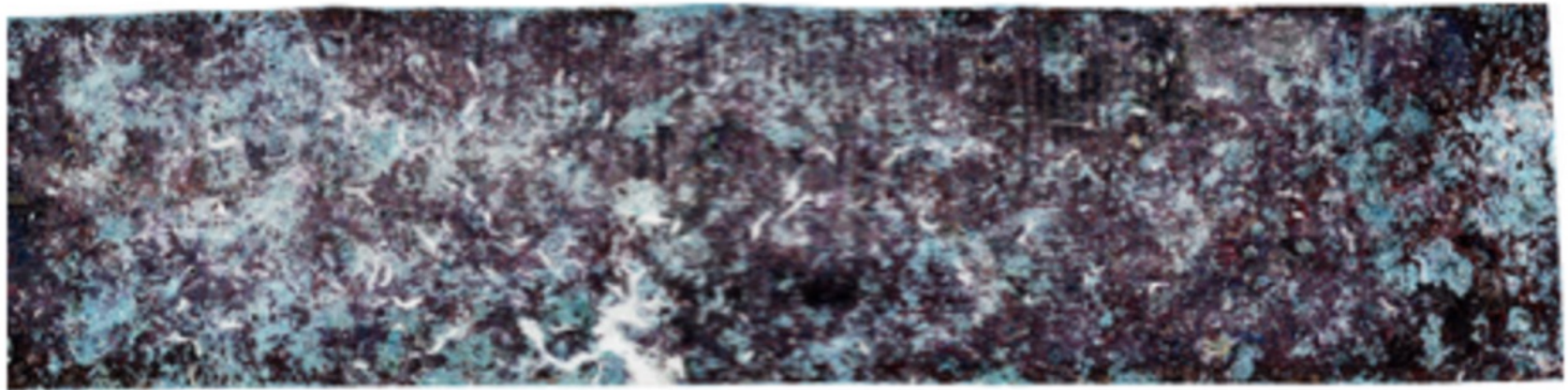
→ Before....



→ After

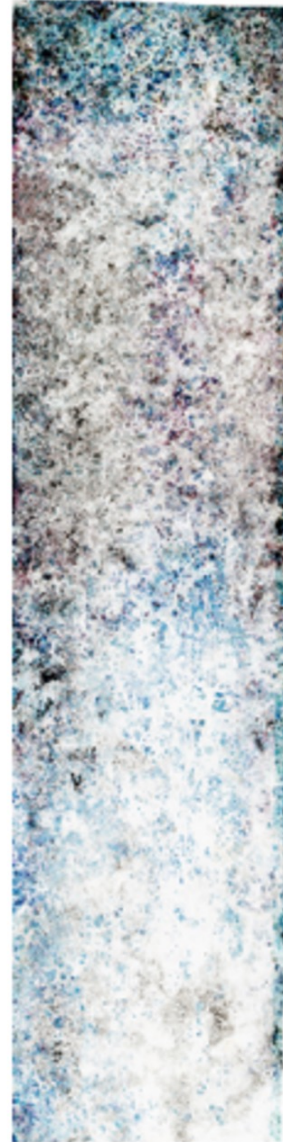


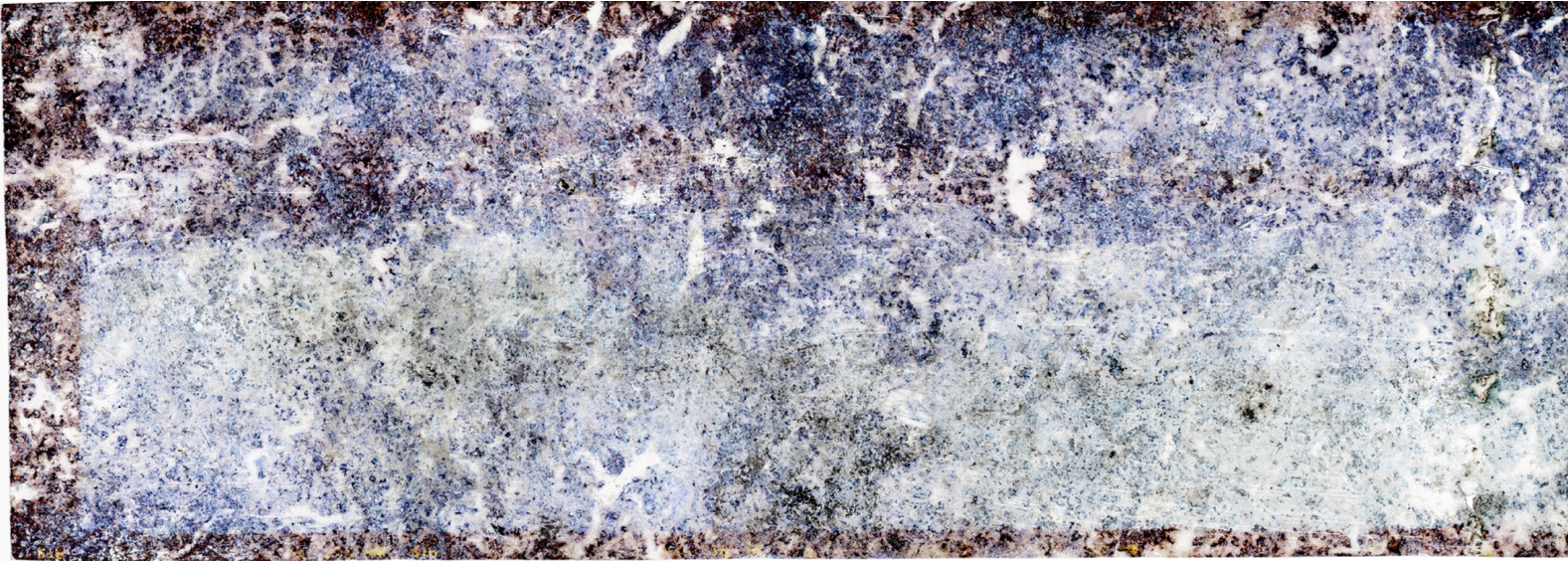
→ The original images can still be made out beneath a subsequent rendering. The complex image that has taken over, captures a new moment in the ongoing process of change.





→ .The result is also a conjunction of two starkly different worlds. The process of taking a photo, where man-made chemical compounds are exposed to light, set against single-celled organisms acting in complete darkness.





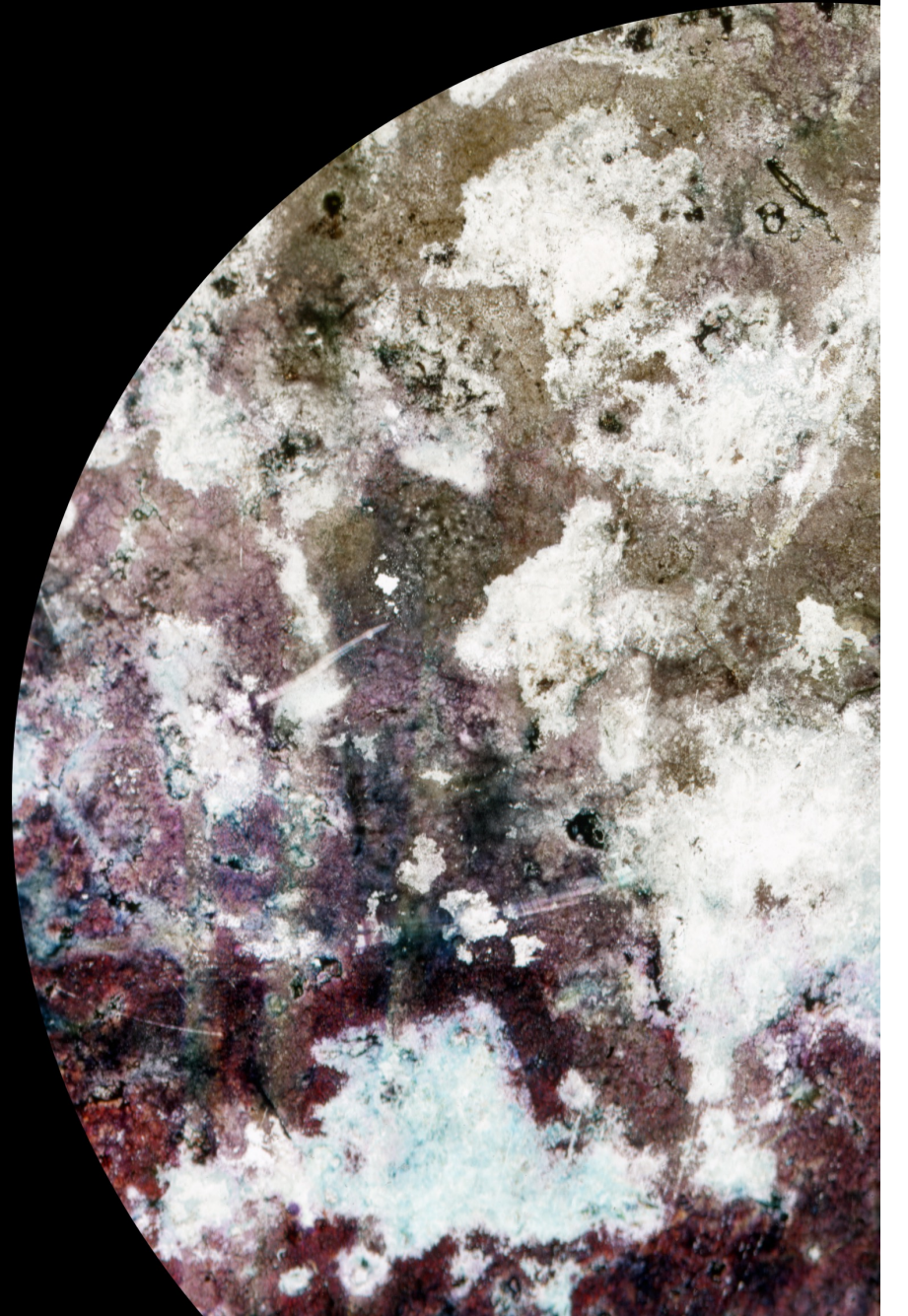
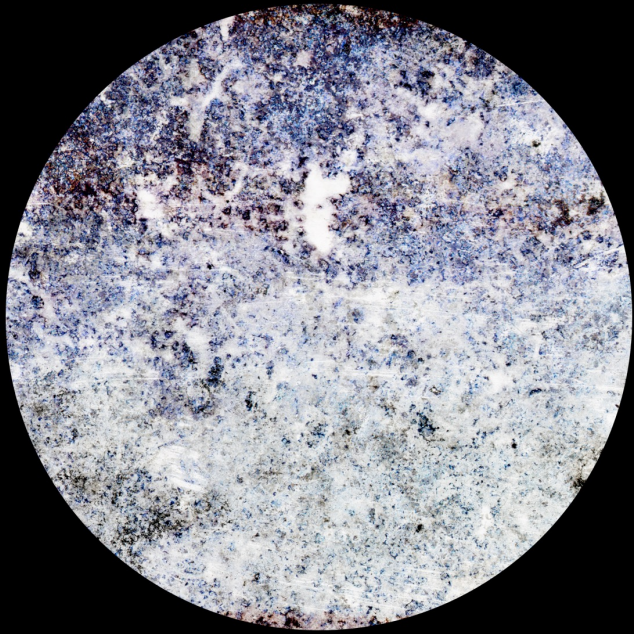


→ **EXOPLANETS  
2015**

The surface of the altered transparencies had a visual quality of satellite photos. I kept hearing a lot about new exoplanets being found inside and outside our Solar system and thought that some of them might look like this.









# Learn how to use SHUTTER SPEED



**VV043**  
**PHOTOGRAPHY**  
**Special effects**  
**Session 1**

**ASSIGNMENT 1**  
**Studio 2 in groups**

**Photograph the same person with three different long exposures lit by the continuous lights. You will need to shoot with a tripod as if hand-held, the long exposure will inevitably result in camera movement.**

Submit 3-5 jpgs

FOLDER: 02-14-2023 LONG  
EXPOSURE\_PORTRAIT\_01

SIZE: under 5MB

TITLE: Last name\_First  
name\_longexposureportrait\_VV043\_Date  
(mo/day/year)\_number of the photo in the  
sequence





ANDREJ KRISAR, 1983  
Fog father, 2006



**VV043**  
**PHOTOGRAPHY**  
**Special effects**  
**Session 1**

**ASSIGNMENT 2**  
**Studio 1 in groups**

Photograph the same person with three short exposures lit by the strobes or flash gun. You will need to set your exposure for a minimal of 1/200s with F 4 a possibly push your ISO to be able to achieve this exposure

Submit 3-5 jpgs

FOLDER: 02-14-2023 SHORT  
EXPOSURE\_PORTRAIT\_01

SIZE: under 5MB

TITLE: Last name\_First  
name\_longexposureportrait\_VV043\_Date  
(mo/day/year)\_number of the photo in the  
sequence







Positioning:  
Copyright: Veronika Lukasova  
Exposure Time: 1/500  
F Number: 5  
Exposure Program: Manual  
ISO: 50  
Exif Version: 0221  
Date/Time: 2009-08-01 17:31:22 EDT  
Original:  
Create Date: 2009-08-01 17:31:22 EDT  
Components Configuration: Y, Cb, Cr, -  
Shutter Speed Value: 1/512  
Aperture Value: 5  
Exposure: 0



Exposure Program: Manual  
ISO: 50  
Exif Version: 0221  
Date/Time Original: 2009-08-06 14:39:07 EDT  
Create Date: 2009-08-06 14:39:07 EDT  
Shutter Speed Value: 1/500  
Aperture Value: 2.8  
Exposure Compensation: 0  
Max Aperture Value: 1.8  
Metering Mode: Multi-segment  
Flash: Off, Did not fire  
Focal Length: 85.0 mm





**Y Cb Cr** 0.299 0.587 0.114

**Coefficients:**

**Y Cb Cr** Co-sited

**Positioning:**

**Exposure Time:** 1/1250

**F Number:** 4

**Exposure Program:** Manual

**ISO:** 200

**Exif Version:** 0221

**Date/Time Original:** 2009-11-03 16:31:32 EST

**Original:**

**Create Date:** 2009-11-03 16:31:32 EST

**Components Configuration:** Y, Cb, Cr, -

**Shutter Speed Value:** 1/1328

**Aperture Value:** 4

**Exposure Compensation:** 0

**Metering Mode:** Multi-segment

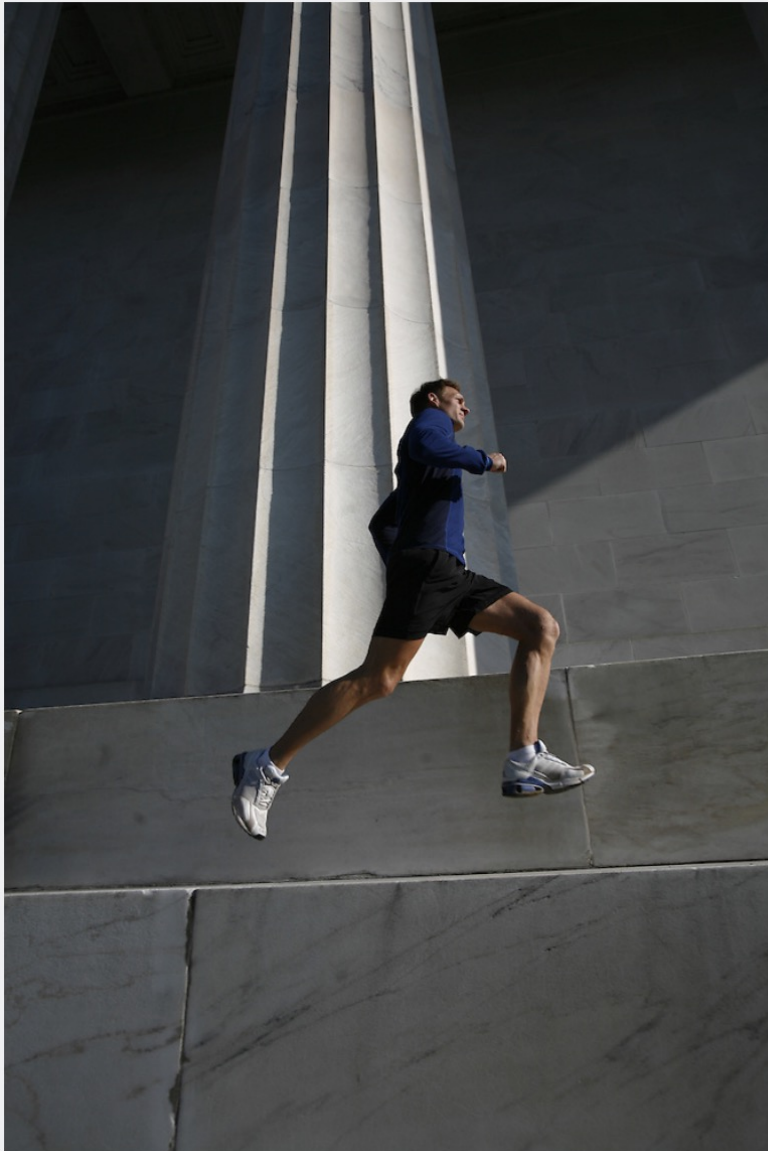
**Flash:** Off, Did not fire

**Focal Length:** 85.0 mm

**User Comment:**

**Flashpix Version:** 0100

**Color Space:** Uncalibrated



**Y Cb Cr** 0.299 0.587 0.114  
**Coefficients:**  
**Y Cb Cr** Co-sited  
**Positioning:**  
**Exposure Time:** 1/640  
**F Number:** 7.1  
**Exposure Program:** Manual  
**ISO:** 100  
**Exif Version:** 0221  
**Date/Time Original:** 2009-04-23 07:45:09 EDT  
**Create Date:** 2009-04-23 07:45:09 EDT  
**Components Configuration:** Y, Cb, Cr, -  
**Shutter Speed Value:** 1/664  
**Aperture Value:** 7  
**Exposure Compensation:** 0  
**Metering Mode:** Unknown  
**Flash:** Off, Did not fire  
**Focal Length:** 21.0 mm  
**User Comment:**  
**Flashpix Version:** 0100  
**Color Space:** Uncalibrated



**Bram Stoker's  
Chair series  
by Sam  
Taylor-Wood**





Veronika Lukasova, 2012



# **A GUIDE FOR CREATIVE CRITICISM**

**Be fully present  
Participate  
Ask Questions  
Listen**

**Agree to Disagree  
Allow for  
Emotions  
Be Specific  
Be Open-Minded  
Be Honest**