

Jürgen Lobert



Introduction to Night Photography



Astro-Landscapes



Light Painting & Drawing



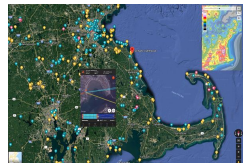
Daytime Long Exposures



Introduction to Infrared Photography



Night Time Infrared Photography



Scouting night photo locations



Solar Eclipses



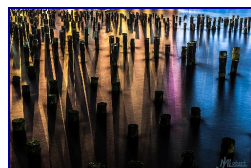
Lunar Eclipses



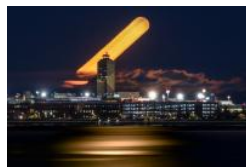
Solar & Lunar Eclipses



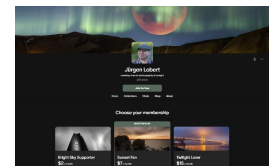
Urban Night Photography



The World at Night (Inspirational)



Continuous Moon Streaks



Patreon Learning Channel



Lightroom Workflow: Library Module



Lightroom Workflow: Develop Module



Workshop: Light Painting & Drawing



Workshop: Photo Review & Editing



Excursions, Workshops & Tours

Jürgen Lobert is a Massachusetts-based fine art photographer and educator, born and raised in Germany. He specializes in all night photography sub-genres, daytime long exposures, urban exploration, celestial events and infrared imagery.

Jürgen has curated photography exhibits and his artwork is in the permanent collection of the Art Complex Museum, Duxbury MA and private collectors.

Jürgen organizes photo excursions, workshops and tours, and he is an international lecturer, instructor and competition judge and teaches photography at the Griffin Museum of Photography. He is a *Master Member of the New England Camera Club Council (MNEC)*, and the founder and organizer of the Greater Boston Night Photographers Meetup group. Jürgen can be found online at:



<https://linktr.ee/jmlobert>

Available Programs

Embrace the Night - Introduction to Night Photography (Instructional)

This is an instructional introduction to night photography by New England-based fine art photographer Jürgen Lobert. Night light transforms the familiar and creates serene views of our surrounding, revealing beauty in the mundane. Night images relay a profound peace through smoothness, deepened colors and captured time, where clouds and cars become streaks, water ripples smooth over and stars form trails in the sky.

The presentation teaches participants best practices to successfully create unique, very intriguing imagery at night. The lecture is filled with examples for each topic and contains in-depth reviews of the following:

- Why, when and how night photography is done best
- Equipment: required basics and useful gadgets
- Camera settings: exposure time, aperture, ISO and white balance; why to disable "auto"
- Correct exposure: balancing bright lights with deep shadows, the histogram and clipping
- Best locations for night photography (hint: anywhere!)
- Light sources and white balance
- The element of time: capturing motion
- Types of night photography
- Editing night photos
- Resources



Photography of the night sky (star points, trails, aurora etc.) as well as light painting techniques are only touched upon and not a significant part of this workshop. These are covered in more depth in other programs.

This program can be modified to fit into 45-120 minutes of time. If unspecified, the program is about 70-80 minutes long plus Q&A. It can also be offered as a workshop in three variants:

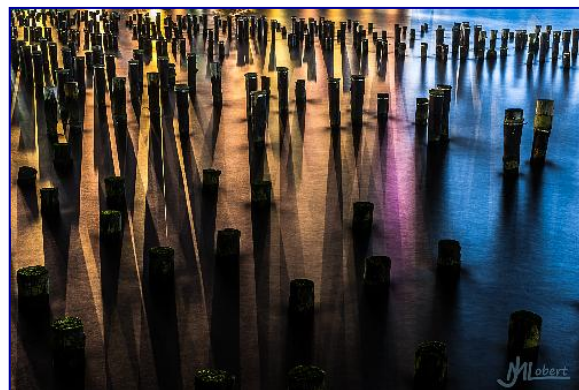
- a) Lecture only, 1-2 hours at choice of location
- b) Lecture plus a night photo field trip for up to 15 people and about 3 hours in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- c) Lecture, field trip and online critique and review of images taken during the field trip (requires online submittal of electronic images)

This program can also be tailored to specific topics such as city, industrial, urban exploration, ethereal skies, motion etc. Please inquire about specific topics you have in mind.

The World at Night - Time, Colors and Serenity (Inspirational)

This is an inspirational narrative about night photography by New England-based fine art photographer Jürgen Lobert, suitable for keynotes or narrative programs without much instructional content.

In this program, Jürgen talks about the many aspects of night photography as a photo specialty, which is becoming more popular based on the enhanced capabilities of modern digital cameras. The presentation centers around creating nightscapes, hauntingly beautiful views of captured time and deepened colors.



Night photography transforms the familiar and creates serene views of our surrounding, revealing beauty in the mundane. Night images relay a profound peace from roaming the night and capturing time, where clouds and cars become streaks, water ripples smooth over and stars form trails in the sky.

Astro-landscape photography is a part of night photography, much of which only became possible with high sensitivity digital cameras to show the Milky Way, Zodiacal Light, the Aurora Borealis and other night sky features that many people are unfamiliar with due to increased light pollution inside our cities.

Light painting and light drawing explore the options of making night photos and truly creating art, instead of simply taking photos of the existing world. Urban exploration and decay as well as infrared imagery at night round out the program.

The presentation is between 30 and 90 minutes and based entirely on Jürgen's own photos and shows a wide variety of examples engulfing the viewer to the peaceful and otherworldly character of night photography.

Roam the City - Urban Night Photography(Instructional)

A variant of the *Introduction to Night Photography* program listed above, this particular presentation is focused on night photography in urban environments (as opposed to nature or astro-landscape or light painting photography). It is technical and instructional in nature, but also inspirational, as it is mostly based on visual exploration of urban night photography, the many facets of cities, where fine art photos can be created, with artificial and mixed light illuminating a variety of structures, with strong lines and curves and intriguing views.

This program can be modified to fit into 45-60 minute slots. If unspecified, the program is about 50 minutes plus Q&A. It can be modified to focus on other topics, such as urban exploration and decay, industrial, motion at night etc. It is also offered as a workshop in three variants:



- a) Lecture only, 45-60 minutes at choice of location
- b) Lecture plus a night photo field trip for up to 15 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- c) Lecture, field trip and online critique and review of images taken during the field trip (requires online submittal of electronic images)

Leave Starry Eyed - Astro-Landscape Photography(Instructional)

This is an instructional introduction to astro-landscape photography by New England-based fine art photographer Jürgen Lobert. Astro-landscapes capture the night sky with an Earth-bound foreground to anchor the view. There are many celestial views that are often impossible to see in urban and suburban environments and modern digital camera technology enables us to capture

unique and inspiring images in very dark places.

The following topics are covered:

- What is astro-landscape photography and where do the stars come from?
- Technical aspects
 - Required equipment, some differences in camera brands that are important
 - Camera settings & exposure, white balance
 - Focusing in complete darkness
- Types of astro-landscape photography
 - Star trails
 - Star points & Milky Way
 - Clouds
 - Moon
 - Meteors
 - Airglow
 - Zodiacal Light
 - Aurora
- Image Processing
 - Star trails: stacking photos
 - Milky Way, Aurora and star points
- Resources



This program can be modified to fit into 45-90 minutes of time. If unspecified, the program is about 80 minutes long plus Q&A. It can also be offered as a workshop in three variants:

- a) Lecture only, 1-1.5 hours at choice of location
- b) Lecture plus a night photo field trip for up to 12 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- c) Lecture, field trip and online critique and review of images taken during the field trip (requires online submittal of electronic images)

Unleash the Artist - Light Painting and Drawing (Instructional)

This is an instructional and technical program to introduce photographers to light painting and light drawing, by New England-based fine art photographer Jürgen Lobert.

Adding artificial light to photos taken at night can be done through a number of techniques. Light painting adds additional light to existing surfaces, but light drawing is one of the few techniques where a photographer can actively create unique and intriguing content, rather than simply photographing existing objects. The following topics are covered:

- Introduction to night photography equipment & settings
 - The exposure triangle
 - Capturing time so you can spend it on painting
- Adding light
 - Exposure considerations and which parameters influence brightness (not exposure time!)
 - Angles: how the direction of light creates intrigue
- Buy or do it yourself: the light painter's toolbox (demo)
- Light Painting: How to convert a flashlight into a paint brush
- Light Drawing: Unleash your artistic side
- The three secrets of how to master light painting and drawing.
- Post-processing considerations
- Resources



Throughout the presentation, Jürgen demonstrates a number of light painting tools and shows how to use them and how they look like in the many visual examples.

This program is typically 90 minutes long, but can be modified, if needed. It can also be offered as a workshop in three variants:

- d) Lecture only, about 90 minutes at choice of location or online
- e) Lecture plus a night photo field trip for up to 12 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- f) Lecture, field trip and online critique and review of images taken during the field trip (requires a venue with projector and screen)

Capture Time - Daytime Long Exposure Photography (Instructional)

This is an introduction to daytime long exposure (DLE) photography by New England-based fine art photographer Jürgen Lobert.

DLE photography records 1-15 minutes of time in a 2-dimensional photograph by using neutral density filters. This creates unique and intriguing images of the world that we usually freeze in momentary exposures. Letting time pass during exposure converts clouds into bands across the sky, smooths waters to a mirror finish and can make people and moving objects disappear. The resulting imagery is otherworldly and strangely beautiful.



The following topics are covered:

- Why, where and when to do DLE
- Equipment
 - Cameras, accessories
 - ND filters and holders
- Exposing for DLE and using the RGB histogram
- Tips & Tricks
 - Composing and focusing
 - High ISO preview
 - Avoiding light leaks
- Types of DLE
 - Single exposure
 - Stacking exposures
 - Creating ghosts
 - Trichroic Conversions
- Post-processing considerations
- Resources

This program can be modified to fit into 45-90 minutes of time. If unspecified, the program is about 60-70 minutes long plus Q&A. It can also be offered as a workshop in three variants:

- a) Lecture only, 45-80 minutes at choice of location or online
- b) Lecture plus a daytime photo field trip for up to 12 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- c) Lecture, field trip and online critique and review of images taken during the field trip (requires online submittal of electronic images)

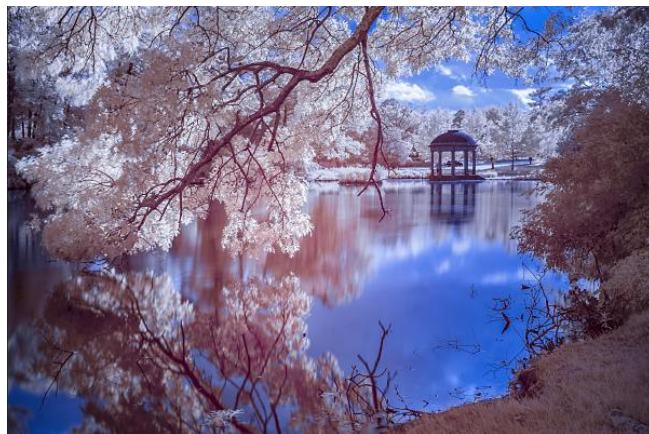
Summon the Surreal - Infrared Photography (Instructional)

Infrared or IR photography is a fascinating niche and allows the photographer to record the unseen, the part of the light spectrum that humans can't see.

Colors, textures, leaves and plants, human skin and other objects reflect IR light differently than visible light, appearing in unexpected ways. This creates surreal and otherworldly photos with high impact that draw the viewer in to study what they are looking at and wonder why the scenery looks so strange.

Jürgen's Introduction to Infrared presentation covers these aspects:

- Why we do IR photography
- The IR light spectrum
- Equipment and filter choices
- What makes a good IR photo
- Types of IR photography
- Post-processing, which is 80% of IR photos
- Beyond IR: UV and far IR
- Resources



This program can be modified to fit into 50-90 minutes of time. If unspecified, the program is about 90 minutes long plus Q&A. It can also be offered as a workshop in three variants:

- a) Lecture only, 50-90 minutes at choice of location (must provide screen and projector/TV) or online
- b) Lecture plus a daytime photo field trip for up to 10 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- c) Lecture, field trip and online critique, review and editing of images taken during the field trip (requires online submittal of electronic images prior to the editing session)

Pushing the Limits - Night Time Infrared Photography (Instructional)

Infrared or IR photography is by itself a fascinating niche and allows the photographer to record the unseen, the part of the light spectrum that humans can't see. Objects reflect infrared light differently than visible light, appearing in false colors and unexpected ways.

Using infrared photography to create astro-landscapes at night takes this one step further and creates surreal and otherworldly photos with high impact. This type of photography takes skills and equipment to an extreme, but yields rewarding images.



Jürgen's presentation covers these aspects:

- Why we do IR photography at night
- The IR light spectrum
- Equipment and filter choices: quality does make a difference
- What makes a good infrared astro-landscape photo
- Artifacts and problems
- Post-processing, a necessity for night time IR photos
- Resources

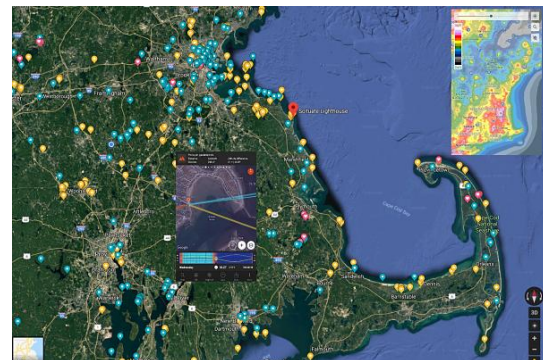
This program can be modified to fit into 50-90 minutes of time. If unspecified, the program is about 60-70 minutes long plus Q&A. It can also be offered as a workshop in three variants:

- d) Lecture only, 50-90 minutes at choice of location (must provide screen and projector/TV) or online
- e) Lecture plus a daytime photo field trip for up to 10 people and about 3 hours onsite in a suitable location chosen by Jürgen, (participation requires prior lecture attendance or equivalent experience, so that Jürgen can focus on assisting in the photography, not the theory behind it)
- f) Lecture, field trip and online critique, review and editing of images taken during the field trip (requires online submittal of electronic images prior to the editing session)

Scout and Find your Photo Locations - Night Photography Locations in New England (Instructional, Inspirational - S, I)

This is a narrative overview of night photography locations in and around New England by Massachusetts- based fine art photographer Jürgen Lobert.

Jürgen has been teaching night photography, light painting and astro-landscape shooting since 2013 and has covered a lot of terrain, always searching for more interesting views and locations, scouting out and bookmarking away on Google satellite view. The result is a dense map of the most interesting locations to visit.



This presentation will summarize the experience and suggest the most interesting places, categorized into main interests. Whereas this program is specific to New England and night photography, the scouting concepts apply to any kind of photography in any location.

- The 3-minute crash course for night photography
- Scouting out locations
 - Using satellite, 3D, street view and offline maps
 - The miracle of GPS to find back home without mobile reception
 - Using Photopills (or TPE / Plan It! Pro)
 - Using Stellarium
 - Apps to predict moon rise and set, sunrise and set, tides, aurora and other things
- Specific Locations
 - The crowd pleasers
 - Astro-landscape views
 - Cityscapes
 - Landscapes and full moon nature
 - Urban exploration at night
 - Light painting and drawing opportunities
 - Some odd locations

Along with descriptions of the locations, Jürgen will also cover a few night photography basics, such as equipment besides photo gear, potential issues to deal with, which areas to avoid and others.

The presentation can be adjusted to 45-90 minutes of length at choice of location or online.

Hello Darkness! - Solar Eclipses (Instructional)

This is an instructional tutorial about solar eclipses and how to photograph them by New England based fine art photographer Jürgen Lobert. Solar eclipses are rare events, but provide one of nature's most spectacular daytime shows in the sky.

Photographing an eclipse is a very rewarding challenge, but also a very technical experience that requires rapid changes of settings and careful execution during those precious few minutes of totality.

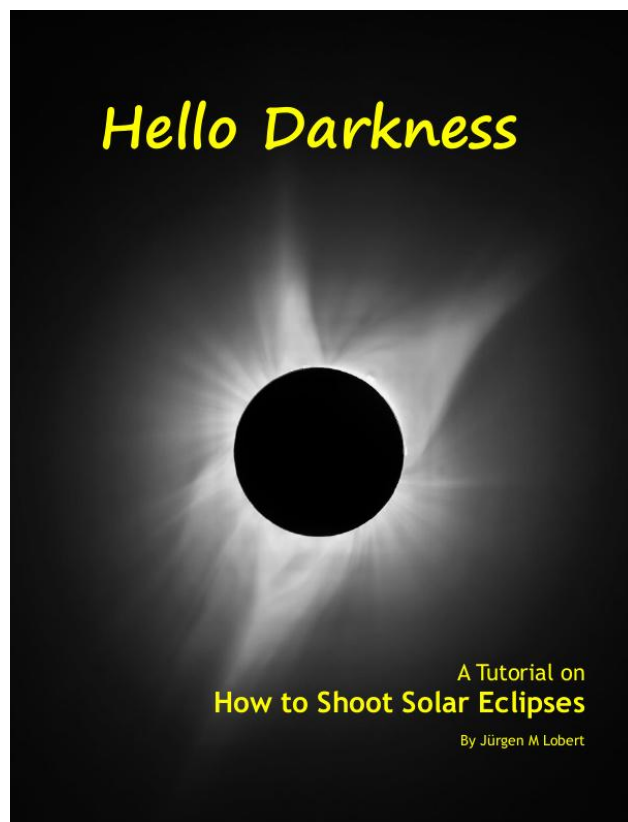
The presentation contains lots of inspiring imagery along with detailed explanations of preparation, execution and post processing.

This program also has an accompanying eBook available for purchase (or which could be included in the presentation if sponsored).

Jürgen's presentation covers these aspects:

- What is a solar eclipse and how do they happen?
- Types of eclipses and when do they happen?
- Equipment needed
 - What focal length
 - Filter types
 - How to make your own filters
 - How to use a sky tracker
- Shooting solar eclipses
 - Camera settings
 - Exposure time limitations
- Partial & Annular eclipses
- Features of a total eclipse
 - Total eclipses & corona
 - Bailey's beads
 - The Diamond (or Pearl) Ring
 - The corona
- Detailed preparation sequence
- How to edit eclipse photos
- Resources

This program can be modified to fit into 60-90 minutes of time. If unspecified, the program is about 60-70 minutes long plus Q&A. It can also be offered in combination with lunar eclipses (see below).



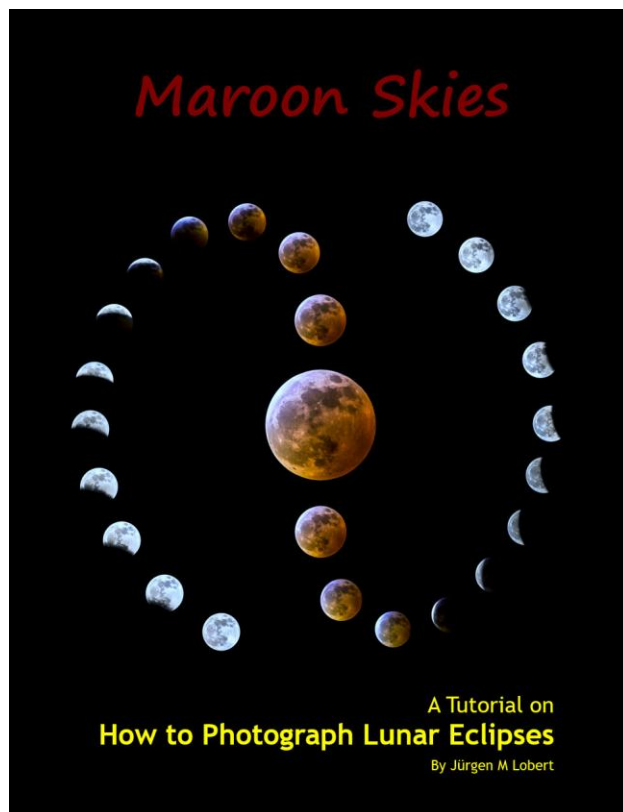
Maroon Skies - Lunar Eclipses (Instructional)

This is an instructional tutorial about lunar eclipses and how to photograph them by New England based fine art photographer Jürgen Lobert. Lunar eclipses are rare events, but provide one of nature's most spectacular night time shows in the sky.

Photographing an eclipse is a very rewarding challenge, but also a fairly technical experience that requires specific approaches and careful execution to get the most out of the event.

The presentation contains lots of inspiring imagery along with detailed explanations of preparation, execution and post processing.

This program also has an accompanying eBook available for purchase (or which could be included in the presentation if sponsored).



Jürgen's presentation covers these aspects:

- What is a lunar eclipse and how do they happen?
- Types of eclipses and when they happen
- Equipment needed
 - What focal length
 - How to use a sky tracker
- Shooting lunar eclipses
 - Camera settings
 - Exposure time limitations
- Partial eclipses
- Total eclipse & the Blood Moon
- Detailed preparation sequence
- How to edit eclipse photos
- Resources

This program can be modified to fit into 50-70 minutes of time. If unspecified, the program is about 60 minutes long plus Q&A. It can also be offered in combination with solar eclipses (see below).

Hello Maroon Darkness - Solar and Lunar Eclipses (Instructional)

This is an instructional tutorial that combines solar and lunar eclipses and how to photograph them by New England based fine art photographer Jürgen Lobert.

Eclipses are rare events, but provide one of nature's most spectacular shows in the sky.

Photographing an eclipse is a very rewarding challenge, but also a very technical experience that requires rapid changes of settings and careful execution during the limited time given



The presentation contains lots of inspiring imagery along with detailed explanations of preparation, execution and post processing.

Jürgen's presentation covers these aspects for each type of eclipse:

- What is an eclipse and how do they happen?
- Types of eclipses and when they happen
- Equipment needed
 - What focal length
 - Filter types & how to make your own
 - How to use a sky tracker
- Shooting eclipses
 - Camera settings
 - Exposure time limitations
- Partial & Annular solar eclipses
- Features of a total solar eclipse
 - Total eclipses & corona
 - Bailey's beads
 - The Diamond (or Pearl) Ring
 - The corona
- Lunar eclipses and the blood moon
- Detailed preparation sequence
- How to edit eclipse photos
- Resources

This combined program is about 90 minutes long.

Moon Streaks - Recording Time of the Rising and Setting Moon

Photographing moon rises has become a popular event for night photographers. A unique way of doing this is to record a continuous moon streak during very long exposures of 10 to 40 minutes.

The resulting streak shows subtle details of the differently shaded moon features, but does not clip in the highlights. To prevent the moon from being overexposed, one has to use neutral density filters, which, in turn, forces a very long exposure to get enough detail in the landscape.

Combining this approach with an interesting foreground object will create intriguing compositions with the moon crossing behind that foreground, as it rises or sets in the sky.

During this talk, Jürgen will go into the details on how to apply this technique, how to plan ahead and scout locations, and how to post-process the images, which may need composites for best results.

Jürgen's presentation covers these aspects:

- Rising and setting moon: when and where to capture it
- What is a moon streak?
- Equipment needed
- Basic settings to get it right
- Things that will influence your settings
- Scouting locations for foreground objects
- Non-continuous moon streaks and timelapses
- Post-processing moon streaks
- Composite moon streaks

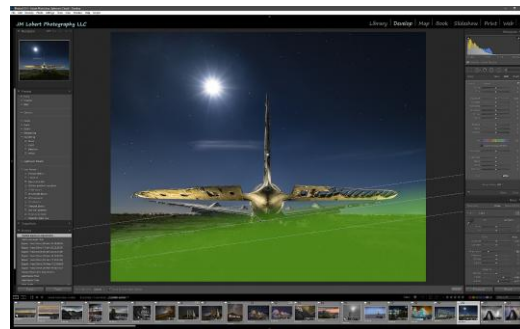
The presentation is about 70 minutes long, but can be shortened, if needed.



Tweaking the pixels - Lightroom Classic Develop Module (Instructional)

This is an instructional program to provide an overview and hands-on, live demonstration of the Lightroom Classic *Develop* module by New England based fine art photographer Jürgen Lobert.

Lightroom is a powerful, intuitive and easy to learn desktop software for post-processing digital photos, but it's feature set is powerful and allows for some non-standard and creative techniques to be applied, which are not well documented. This program is meant to provide a broad overview, but also specific demonstration of the software features.



The program can be given lecture style, but is best applied with images submitted by the audience prior to the program.

The following topics are covered:

- Overview of Lightroom (skipped if the Library Module session has been applied)
 - What is Lightroom, how does it work and how to maintain it?
 - Main differences (and commonalities) to Photoshop, Camera Raw and Bridge
 - The develop module interface explained
 - Optimizing performance
- Develop module
 - Editing modules: From Basic to Special Effects and the Toolbars
 - Presets, shortcuts and preferences
 - History, Snapshots and Virtual Copies
 - Synchronizing edits: one to many
 - Masking features (sky, subject, object, linear, radial, brush)
 - Exporting and watermarking photos
 - Transfer between computers: Export and import of libraries

The program is designed for a 3 hour length, but can also be extended to multiple events across multiple days or weeks. Location of choice or online.

Workshop: Light Painting and Drawing

This workshop is provided as an addition and follow-up to the lecture of the same topic. Groups of up to 10 attendees will meet in a suitable location and practice light painting (adding light to surfaces) and light drawing (creating light figures in front of the camera) with your own light painting tools, but Jürgen will provide a variety of tools that can be tried out during the workshop.

Jürgen will not be shooting but rather spends his entire time cycling between the attendees and assisting with camera settings, light tool handling and composition. Attendees can pair up or work alone.

Attending the lecture, or some experience with light painting and drawing, are prerequisites for attending the workshop, the theory will not be repeated. Please plan to bring at least one medium-strong flashlight (200-1000 lumens), more if available. A detailed email will be sent to the group with all information about the location, parking, what to bring, how to dress etc.

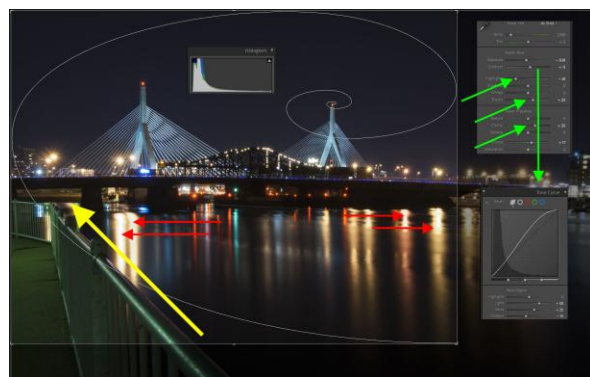
The workshop is 3 hours long, attendees can stay longer. Timing depends on season, but typically starts an hour after sunset. The workshop is provided in driving distance of Boston, MA, or in other locations, as arranged.



Workshop: Image Review & Editing

This is an online workshop via Zoom as a follow-up on any in-field photo shoot (be that for night, astro-landscape, daytime long exposure, light painting or infrared photography).

This event will have photo shoot attendees upload 3-5 photos prior to the event. Jürgen will then provide feedback on composition, content, technical execution and impact for each photo and then demonstrate through live edits in Lightroom and Photoshop, what could be improved.



While demonstrating these changes, Jürgen will share tips and tricks about Lightroom editing and explain some of the techniques, such as advanced masking for local adjustments, making images “pop” and then “glow” with his favorite modifications.

Jürgen will also save all of his adjustments and provide an option for attendees to download their own, edited images to review the changes that were made for further learning.

An important part of this workshop is peer learning, where attendees see not only their own images being reviewed and altered, but also those of other people who attended the same photo shoot, stood in the same spot shooting the same scenery, but got different results.

This workshop is 3 hours long and can be scheduled at any time.

Create new Experiences - Excursions, Workshops & Tours

Most of the above described programs are available as stand-alone workshops for individuals, small or larger groups up to 16 (with second instructor beyond 10).

The general logistics involves some online preparation and discussion about timing and location, followed by onsite photography work with an assigned rain date as a backup option. Individual instructions can also be started or done indoors.



Duration of onsite photo excursions is around three to four hours where Jürgen (and perhaps an assistant) will spend their entire time assisting participants without taking photos themselves, a distinct difference to most other one-day workshops available in New England.

Professionally organized, multi-day to week-long photo workshops and tours are also available to interesting, world-wide locations with emphasis on night and long exposure photography, but including varied other opportunities as well.

Please inquire about any options and pricing. One-day workshops can be arranged flexibly and on fairly short notice, professional tours will be planned at least six months in advance and announced on [Jürgen's website](#), or by [newsletter](#) and individual communication.

Jürgen's Patreon Learning Channel

Jürgen has maintained a Patreon channel for teaching night photography with all its sub-genres, daytime long exposures, infrared photography, photo editing techniques, photography techniques and lots of inspirational content.

<https://patreon.com/jmlobert/>

Patreon is a crowd-funding site, where everyone can support the creator at various levels, but this channel is open to be joined for free and new patrons can read more than 80 public posts before deciding to upgrade to one of the paid tiers.

The channel contains almost 400 posts since 2019, all of which are categorized into "Collections", the biggest one of which is naturally night photography, but there are equipment reviews (mostly public), industry news and analysis, event announcements, urban exploration reports and lots of in-depth insight into all aspects of the photography types Jürgen teaches and practices.

The channel is a great way of learning more about these types of photography, learn new aspects and stay in touch with Jürgen.

Click on the link or the images to get there.

Also consider signing up for Jürgen's *Carpe Noctem* newsletter, which is issued 4-6 times per year and lets you stay updated about Jürgen's exhibits, events, workshops and tours.

The Carpe Noctem Newsletter

