

Jürgen Lobert



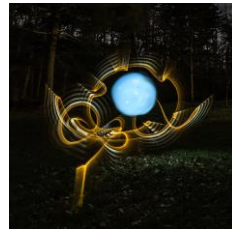
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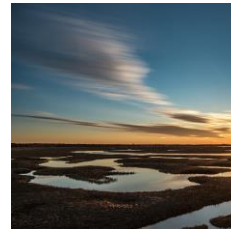
Night Photography



Astro-Landscapes



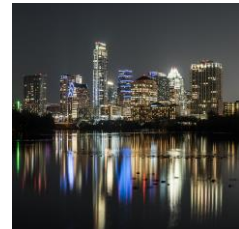
Light Painting &
Drawing



Daytime Long
Exposures



Lightroom
Workflow



Instructions,
Workshops

Jürgen Lobert is a Massachusetts-based fine art photographer, born and raised in Germany. He received a Ph.D. in atmospheric chemistry from Gutenberg University in Mainz before moving to the US in 1991.

Jürgen is a self-taught photographer who specializes in several night photography disciplines and daytime long exposures as well as Urban Exploration and Infrared photography. He started taking photos in his early 20s, mostly using color negative or slide film. He adopted digital cameras in the late 1990s for work-related activities and bought his first advanced point and shoot camera, an Olympus 3030 in 2000. The first DSLR followed soon, a Nikon D70, which was upgraded to D200, D700, D4 and D750 models.



Jürgen formally learned night photography at the New England School of Photography in 2011, which provided him the skills for advanced manual exposure and introduced him to Lightroom for powerful post-processing. Jürgen embraced night photography quickly and started organizing night photo events for others through meetup groups in 2012, founding his own, the Greater Boston Night Photographers, in late 2013.

In addition to organizing about 40 photo shoots annually, he has also been lecturing at camera clubs, serving as a photo competition judge, organizing professional workshops and offering personalized coaching. Jürgen is an executive member of the Boston Camera Club, a member of the Stony Brook CC, the Photographic Society of America and the Professional Photographers of America. He maintains an active blog about photography topics with how-to instructions and detailed insight into complex topics.

According to Jürgen, there is a profound serenity and peacefulness, but also otherworldly character in night and long exposure photos. Capturing the element of time is an important part, where clouds become bands, cars are bright streaks in the roads, stars form trails in the sky and water smooths to a mirror finish. Night photos also capture the transformative and colorful nature of darkness and artificial lights, enhanced by light painting and drawing, to create hauntingly beautiful scenery.

facebook.com/JMLobert

[@jmlobert on Instagram](https://www.instagram.com/jmlobert)

jmlobert.blogspot.com

meetup.com/GBNight

[flickr.com/photos/brom-productions/](https://www.flickr.com/photos/brom-productions/)

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Available Programs

Introduction to Night Photography (instructional, technical) (I)

This is a technical 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 example images for each topic and contains in-depth reviews of the following topics:

- 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
- 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 60-120 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 onsite or 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 (city, industrial, urban exploration, ethereal skies, motion etc.).

The World at Night (S)

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 or haven't seen in a long time 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 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.

This program can be tailored to durations between 30 and 90 minutes.

Urban Night Photography

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 minutes of time. If unspecified, the program is about 50 minutes long 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 onsite or online critique and review of images taken during the field trip (requires online submittal of electronic images)



Astro-Landscape Photography (I)

This is a technical and 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
 - 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 onsite or online critique and review of images taken during the field trip (requires online submittal of electronic images)

Light Painting and Drawing (I)

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
 - Trigonometry for photographers: the exposure triangle
 - Capturing time so you can spend it on painting
- Adding light
 - Exposure considerations and the square root paradigm
 - Angles: how geometry 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 can be modified to fit into 45-90 minutes of time. If unspecified, the program is about 60 minutes long plus Q&A. It can also be offered as a workshop in three variants:

- d) Lecture only, about one hour at choice of location
- 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 onsite or online critique and review of images taken during the field trip (requires online submittal of electronic images)

Daytime Long Exposure Photography (I)

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, expose to the right, RGB histogram
- Tips & Tricks
 - Composing and focusing
 - High ISO preview
 - Avoiding light leaks
- Types of DLE
 - Single exposure
 - Stacking exposures
 - Creating ghosts
- Post-processing considerations
- Resources

This program can be modified to fit into 45-80 minutes of time. If unspecified, the program is about 50 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
- b) Lecture plus a daytime 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 onsite or online critique and review of images taken during the field trip (requires online submittal of electronic images)

Lightroom Workflow: Library & Develop Modules (I)

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

Lightroom is a powerful and very intuitive software for post-processing digital photos, but it's feature set is large and allows for some non-standard and creative techniques to be applied, which are not 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. Jürgen will then demonstrate how to improve images with basic edits and how to apply a unique look and feel with some of the more advanced features.

The program can be tailored for 1-3 hour length. The following topics are covered:

- Overview of Lightroom
 - Main differences (and commonalities) to Photoshop
 - The interface
 - Very brief overview of Map, Book, Slideshow and Print modules
- Library module
 - Import, meta data and keywording,
 - Applying develop presets on import
 - Search and sort
 - Smart collections
- 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
 - Black & white conversions, toning and infrared imagery
 - Exporting and watermarking presets
 - Transfer between computers: Export and import of libraries

