Minoru Photo Club

Photo Enthusiasts

Todays Presentation:

Macro and Closeup Photography

By Klaas Focker & Chuck Vaugeois

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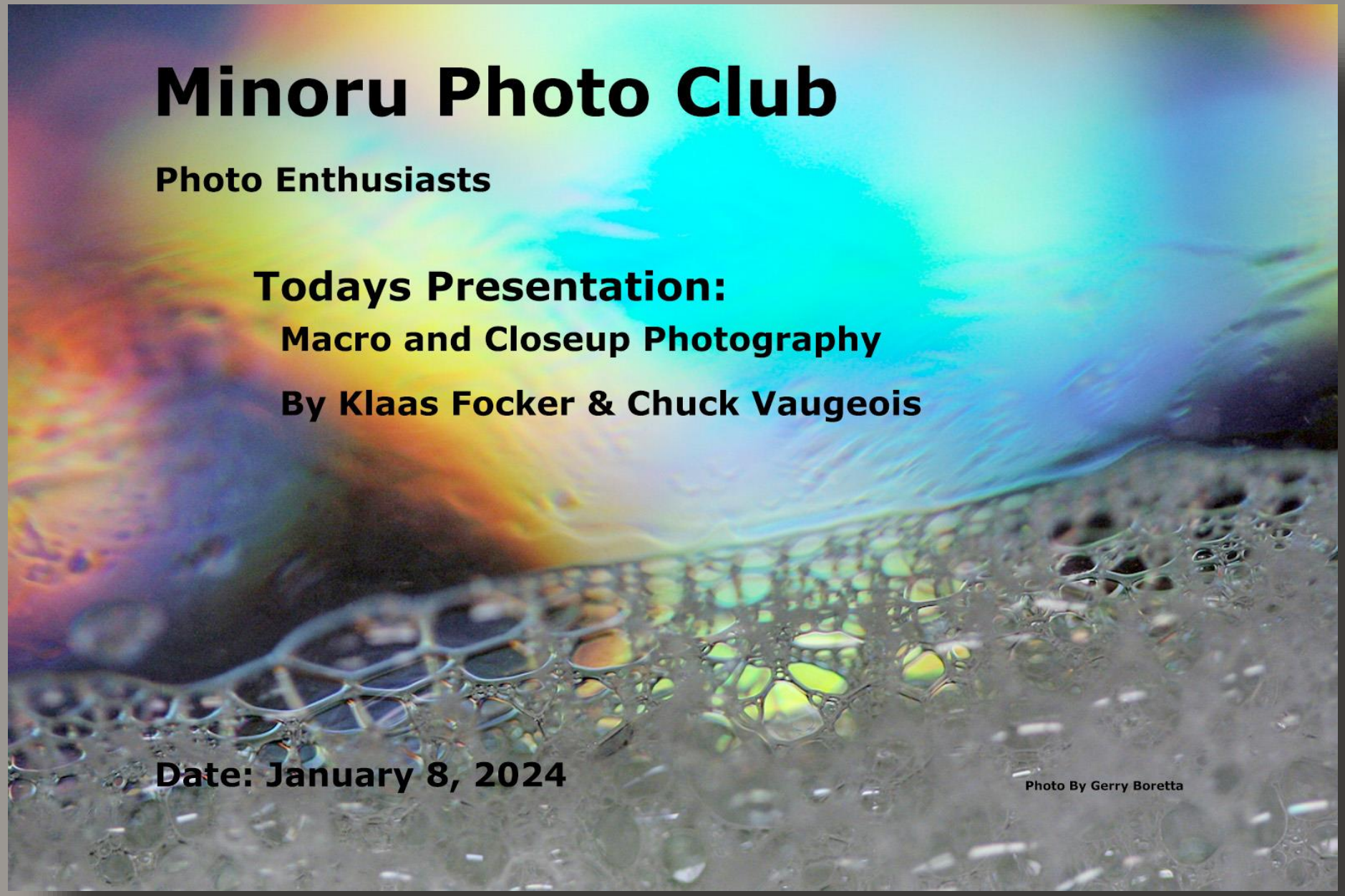
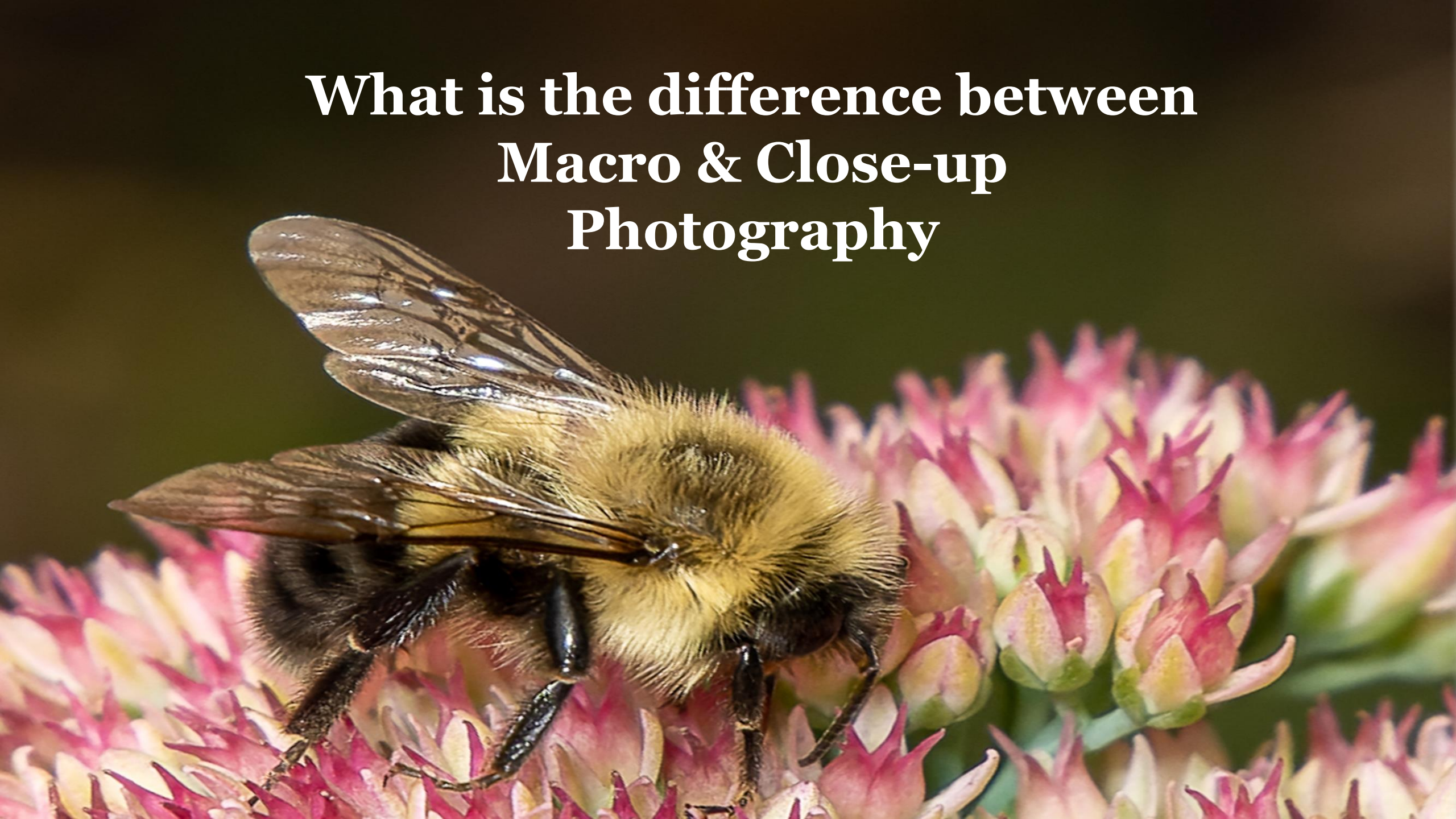


Photo By Gerry Boretta

What is the difference between Macro & Close-up Photography



What does macro and micro refer to when it comes to photography?

The word macro means big, whereas the word micro mean small. So how is it that these two terms are related?

If the subject you are photographing is small and you want to make it look big, you end up with a “macro” view of a “micro” subject. Macro photography is that which is taken with a dedicated macro lens. A real macro lens has the capability of achieving in the least a 1:1 magnification.

What is close-up photography?

Close-up photography is the act of photographing objects such as flowers or insects in close range so the subject you are photographing fills the frame. In other words, it’s the act of photographing subject's close-up. This is easily achievable with any lens, even a 300mm telephoto lens.

How to recognize the difference between macro, micro, close-up photography?

Capturing the finest detail is one of the main differences between macro, micro, and close-up photography.

Macro lenses are expensive for a reason. That being, a true macro lens allows the photographer to capture finer detail than would otherwise have been seen. For example, the hairs on an insects face, or the pattern in its eye.

Take the two photographs below for example. The first image is a very good example of a close-up photograph, taken with a Nikon telephoto lens. While the second photograph is a macro shot, allowing for bigger magnification and showing the finest detail.

Things you will need for Macro, Micro, and close-up photography?

- **Camera, DSLR or Mirrorless**

- **Macro Lens** (**come in various Lenths**)

- **Focusing Rail**

- **Extension tubes**
  (12mm, 20mm, 36mm)
  To find the extra magnification you achieve using an extension tube, you have to divide the tube's length by the lens' focal length. For example, by attaching a 20mm extension tube to a 50mm lens, you achieve a 20/50 = 0.4x magnification. The extra magnification adds to the existing magnification of your lens

- **Magnification Filters**

Flash modifiers for Handheld Photography

Handholding your camera is possible but best done with using a flash with a diffuser.

- A simple inexpensive diffuser.

- A very popular (more expensive) diffuser these days.

- Then there is aways the DIY diffusers.

Now for a Live Demonstration with Klaas Focker