

**Sun City Summerlin Computer Club  
Seminar**

**Image Generation, Editing and Animation  
Using  
Artificial Intelligence**

**Tom Burt  
November 24, 2025**

# Where to Find the Materials

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- **Sun City Summer Computer Club Website:**
  - <https://www.scscclub.com/smnr>
- **Direct Hyperlink**
  - <https://www.scscclub.com/smnr/ImageGenerationandAnimationUsingAI.pdf>

# Seminar Agenda

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- **A Few Examples of Images and Video from AI**
  - **Adobe Express (FireFly): Fairy in a Forest Grotto with Mushrooms**
  - **MS Copilot (Dall-E): Sailboats on the Ocean**
- **Review of AI Image Generators & Tools**
- **Project (Gemini): Restore and Colorize an Old Wedding Photo**
- **Project (Meta AI): Generate an Image of a Mallard Duck and Animate It.**
- **Review of Classical Image Editors**
- **Project Using Paint.Net and Windows Photos**
  - **Portrait composited against background**
- **Animations Using Grok Imagine**
  - **Tom Headshot**
  - **Wedding Photo**
  - **Irene Headshot**

# Example: Fairy in Grotto with Mushrooms

- **Adobe Express (Uses Firefly) Prompt:**
  - **Grassy grotto in forest with the trunk of a large oak to one side with many portobello mushrooms growing and a female fairy perched on a large mushroom. Light should come from upper left. Show morning dew drops.**



- **Note: Re-entering the same prompt generates NEW images. If you like one, download it.**
- **Let's experiment with some other prompts.**

# Example: Sailboats on the Ocean

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- **Copilot (Uses Dall-E) Prompt:**
  - 3 single-masted racing sailboats in different colors sailing on the open blue ocean toward the viewer. The background is a hazy clouded light gray-blue sky. The wind is brisk.



- **Copilot doesn't always follow details in prompts**
  - Rightmost image is an oil painting done by my father about 50 years ago.

# Review of AI Image Generators & Tools

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- Interesting Review Video (4 best free AI video generators)
  - <https://www.youtube.com/watch?v=I5C-w6xjT2Y>
- Adobe Express / Adobe Firefly
  - <https://express.adobe.com> <https://firefly.adobe.com/> <https://firefly.adobe.com/inspire/images>
  - Let's browse their galleries
- Google Gemini 3 Flash and Pro (Nano Banana)
  - <https://gemini.google.com>
- Meta AI
  - <https://www.meta.ai/>
- OpenArt (Very limited free tier, but images are extremely realistic)
  - <https://openart.ai/home>
- X.com Grok Imagine
  - <https://grok.com/imagine>
- Vozo.AI – Makes Talking Photos lip-synched to audio
  - <https://www.vozo.ai/talking-photo>

# Project: Restore and Colorize an Old Wedding Photo

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- **Google Gemini Flash Prompts:**
  - Fix the scratches and spots in the old wedding photo.
  - Colorize the photo.
  - Color the dresses of the two women at the left light blue.



Image Editing and Animation Using AI

# Project: Generate and Animate a Picture of a Mallard Duck (1)

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- **Meta AI prompt: Create a photorealistic image of a mallard duck swimming in a pond surrounded by trees and bullrushes.**
- **Animate.**



## Project: Generate and Animate a Picture of a Mallard Duck (2)

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- **Adobe Express prompt:**  
Create a photorealistic image of a mallard duck swimming in a pond surrounded by trees and bullrushes.
- **Upload the image to meta.ai**
- **Animate.**



# Project (Meta AI): Generate and Animate a Horse (1)

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- **Meta AI Prompt: Create a photorealistic image of a light brown and white horse in a grassy meadow surrounded by trees. (Settings: 16x9).**
- **Animate.**



## Project (Open Art +Meta AI): Generate and Animate a Horse (2)

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- **Open Art Prompt: A brown horse with white patches standing in a grassy meadow with trees in the background.**
- **Went to Meta AI**
- **Chose Animate Photo – Selected the Open Art horse.**



# Review of Classical Image Editors

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- **GIMP (Gnu Image Manipulation Program) – FREE (donations welcomed)**
  - <https://www.gimp.org/>
  - **Adobe Photoshop work-alike; very powerful.**
- **Photopea – FREE (with ads)**
  - <https://www.photopea.com/>
  - **Adobe Photoshop work-alike; very powerful; web-based**
- **Paint.Net – FREE (donations welcomed)**
  - <https://www.getpaint.net/>
  - **Very handy, capable image editor. Easier than GIMP, Photopea, Photoshop.**
- **Adobe Photoshop Elements 2026 - \$100 for 3-year license**
  - <https://www.adobe.com/products/photoshop-elements.html>
  - **Adobe Photoshop Lite**
- **Windows Photos (built-in to Windows 10/11) - FREE**

# Project: Composite Portrait (1)

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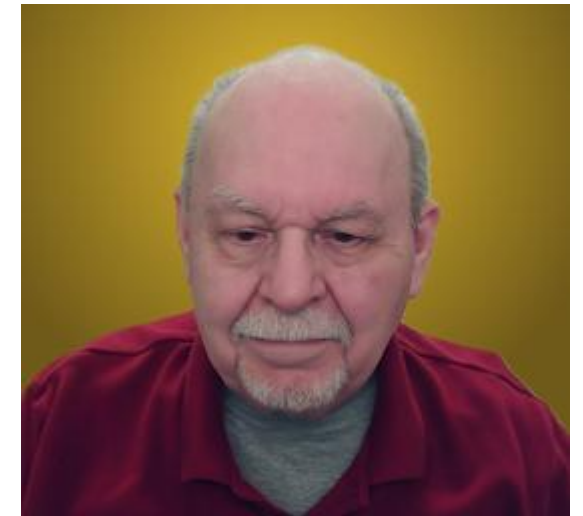
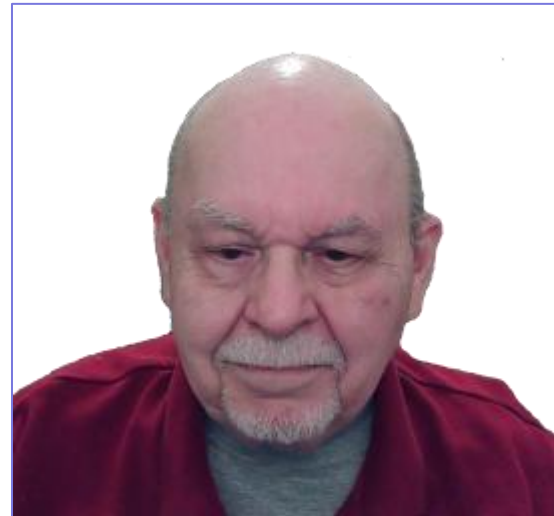
- **We'll use Windows Photos and Paint.Net**
  - Using Paint.Net's eraser, remove background from a head-shot (could use Adobe Express). Then add a background layer; fill with an interesting background; flatten and Save.
  - Using MS Photos, use smart erase to remove flaws (bright spot, red spot); save again.



# Project: Composite Portrait (2)

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- **Gemini Prompts:**
  - Remove background. Fix bright spot on top of man's head. – *FAILED*.
  - Using MS Photos, used smart erase to remove background and flaws (bright spot, red spot); save again.
  - Returned to Paint.Net and added an amber radial gradient background layer. Flattened and Saved the result.



# Project: Animate Images

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- **Grok Imagine (<https://grok.com/imagine>):**
  - Need an X.com account (free to set up).
  - Drag and drop photo / image onto the prompt.
  - Type in directions. Can have it say something.



# Limitations of AI Image Generators / Editors

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- <https://www.whatsinai.com/mythbusting-ai/the-creativity-myth-can-ai-really-make-art>
- **Als are “trained” by scanning billions of images.**
  - Images may not be what you wanted. Keep trying.
  - With some, can't generate erotica.
  - With some, can't generate images of public figures.
- **Responses are very sensitive to how questions/prompts are expressed.**
  - The *art* is in deciding how specific or general to be.
  - Chatbots currently don't know much about people not publicly known.
- **Because generators' images are digested from material they have scanned, the images *may* infringe on copyrighted / patented intellectual property.**
  - Be careful using the output of a generator without verifying whether that material is protected.
  - Most commercial programs now embed an invisible digital watermark into the image / video.

# **Final Q and A**

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## **Final Questions and Answers**

**Image Editing and Animation Using AI**