

New Technologies SIG

Tom Shepherd



NEW TECH SIG UPDATE

New TECH SIG

We need ideas

All you have to do is send me an email about something you would like to learn more about at

newtech@grandcomputers.org

New Technologies SIG

Meeting every month
3rd Thursday 3:30

Contact Tom Shepherd for additional information at

newtech@grandcomputers.org

2024 for New Tech SIG

Thursday, January 18, 3:30 pm

Technology and Education

A discussion of how technology is changing the way we learn and teach.

We will explore topics such as online learning, gamification, and the use of technology in the classroom.

We will also highlight new and interesting ways in which senior citizens can access online learning.

Club Events for January

General Meeting

January 3 – 2:00 pm Chaparral Center, Pima Room

Following a brief club update, we will present

"Smart TVs and the Streaming Wars - the Latest"

Club Events for January



January 11 - 8:30am Chaparral Center, Pima Room

"Travel and Technology - Winter 2024 Update"

Find out the latest technology trends and gadgets that aim to make our travel more enjoyable, safer, restful, and informational.

Learn how to use travel planning apps; see how AI can give itinerary suggestions; take virtual walk-throughs of locations ahead of time; examine what smart luggage tags are about, and more.

I thought you might enjoy this

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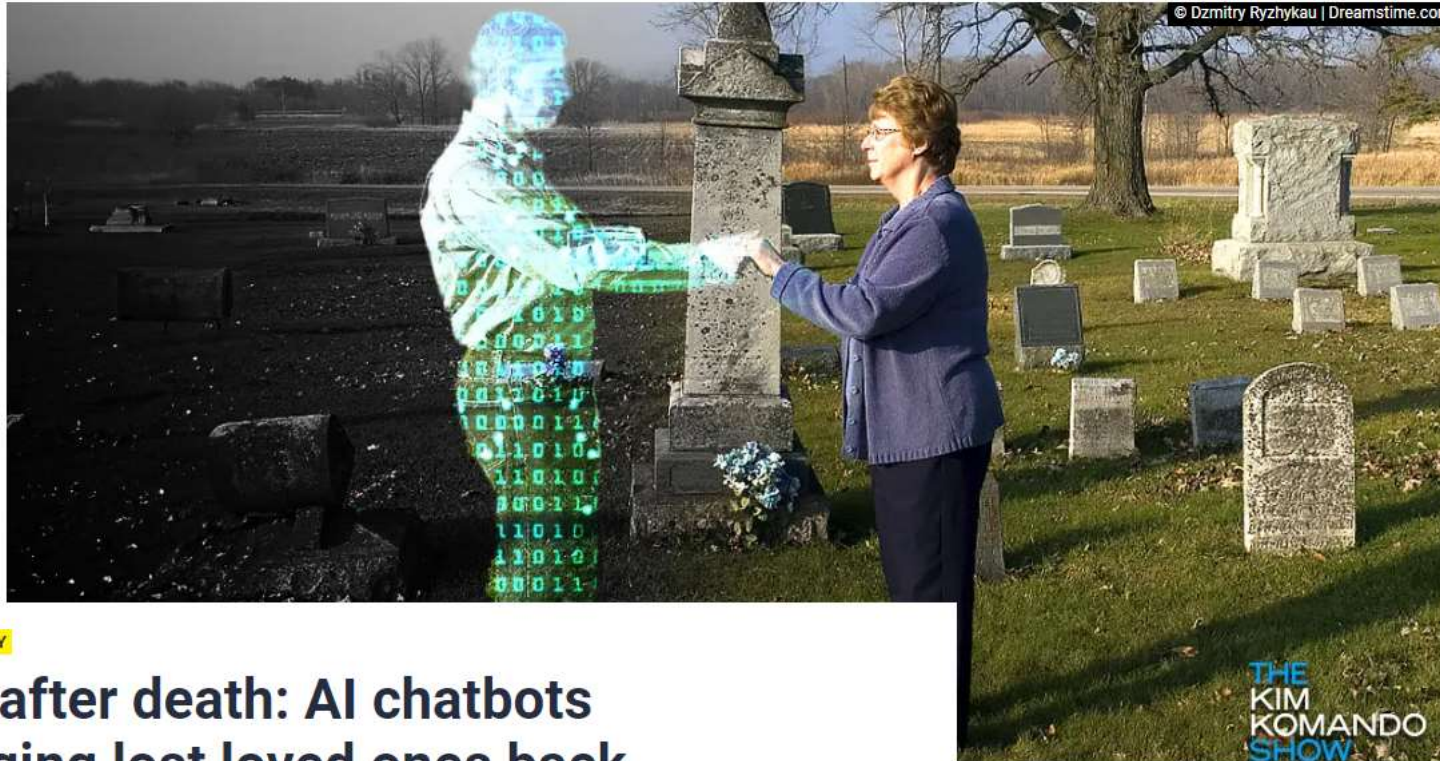
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TECHNOLOGY

Life after death: AI chatbots bringing lost loved ones back

Here is a novel usage of AI

Founded in 2017 (ancient history in tech time), StoryFile offers a couple of different options to immortalize loved ones while they're still Earthside.

At the basic level, a laptop and webcam capture their image and likeness in an interview-style fashion — by an actual historian for an extra fee.

StoryFile's AI uses the material to create a digital persona.

Today, around 5,000 people have created profiles.

Loved ones can ask the persona a question, and then the system sifts through corresponding interview clips to find an intuitive response.

Just imagine that for a second about a loved one you miss.

Here is a novel usage of AI

StoryFile interviewed actor Ed Asner eight weeks before he died in 2021.

They sent Ed's StoryFile to his son Matt, who couldn't believe his eyes.

He says it was like his dad was looking right at him, answering his questions.

Matt played the file at his father's memorial service. Some people were deeply touched, but he says others were uncomfortable.



Wireless HDMI

- High-Definition Multimedia Interface (HDMI).
- Used to supply images, video, and sound to a display from a digital source.
- Used for TV's and digital displays.
- Normally uses an HDMI cable.
- Wireless devices are available.



Wireless HDMI

- Typical wireless devices.
 - Apple TV
 - Google Chromecast
 - Amazon Fire TV stick, ETC.
- Normally require connection to same Wi-Fi network as source device.



Wireless HDMI

- NOW
 - Wireless HDMI Transmitter & Receiver from Timbootech.
 - Direct transmitter to receiver transmission.
 - Works across multiple platforms.
 - Apple, iOS, MS, Android, and other devices.
 - Also offered by other suppliers.



Wireless HDMI



- The transmitter & receiver are shown with adapters for different HDMI ports.
- Requires USB power.



Wireless HDMI

- Transmitter connects to PC HDMI port and USB power.
- Receiver connects to TV, projector or display.
- Mobile devices: iOS and Android wirelessly connect directly to the receiver.
- NO NEED to connect to Wi-Fi or internet.
 - Auto Pairing & Streaming.

Wireless HDMI



- Examples of applications showing transmitter and receiver connections.



Wireless HDMI

Plug and Play
Auto Pairing & Stream
No Need App or Bluetooth

1. Plug Receiver and External Antenna to HD Input device like TV, and plug USB cable to power supply 5V/2A

2. Insert Transmitter to HD Output device like laptop, and plug USB cable to power supply 5V/2A

3. Installation succeeded

Transmission Range
50m/165FT

- Plug and Play
 - Auto Pairing
 - No App or Bluetooth
 - Up to 165 ft transmission range.



Wireless HDMI

- **Demo Time.**



AI Photo Editing

- Photo editing in the past was a very tedious task.
 - Selection tools.
 - Brush areas.
 - Careful selection of elements.
 - Pixel selection.



AI Photo Editing

- Artificial Intelligence (AI) has made the task much easier. Demo. Prog. (ACDSee)
 - Smart evaluation of photo.
 - Smart area selection.
 - Smart facial recognition.
 - Easy replacement.



AI Photo Editing

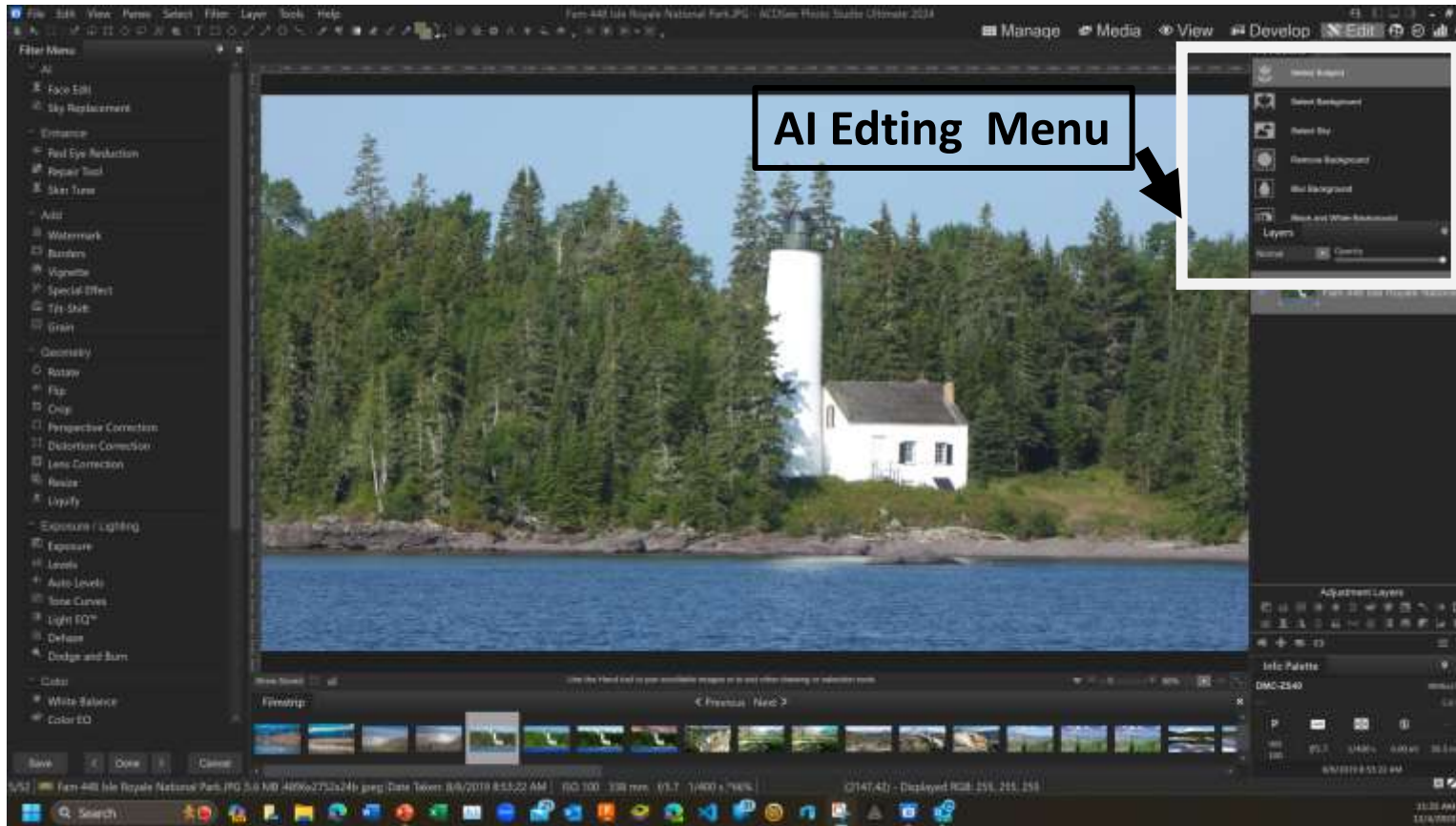


Original Photo Needs.

- Brightened trees
- Brightened water
- Punch in sky



AI Photo Editing

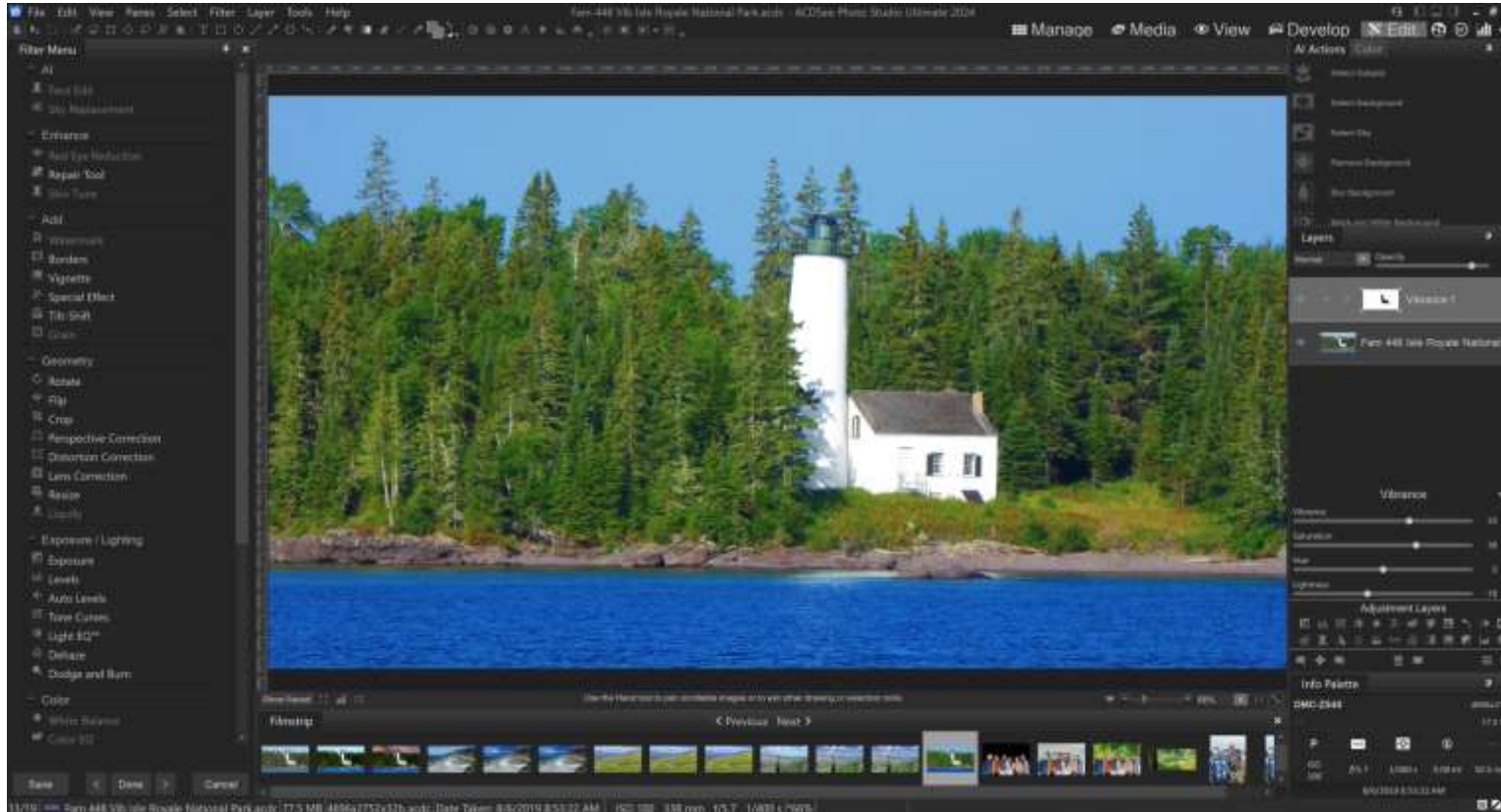


AI Selections

- Subject
- Background
- Sky
- Remove Background
- Blur Background
- B & W Background.



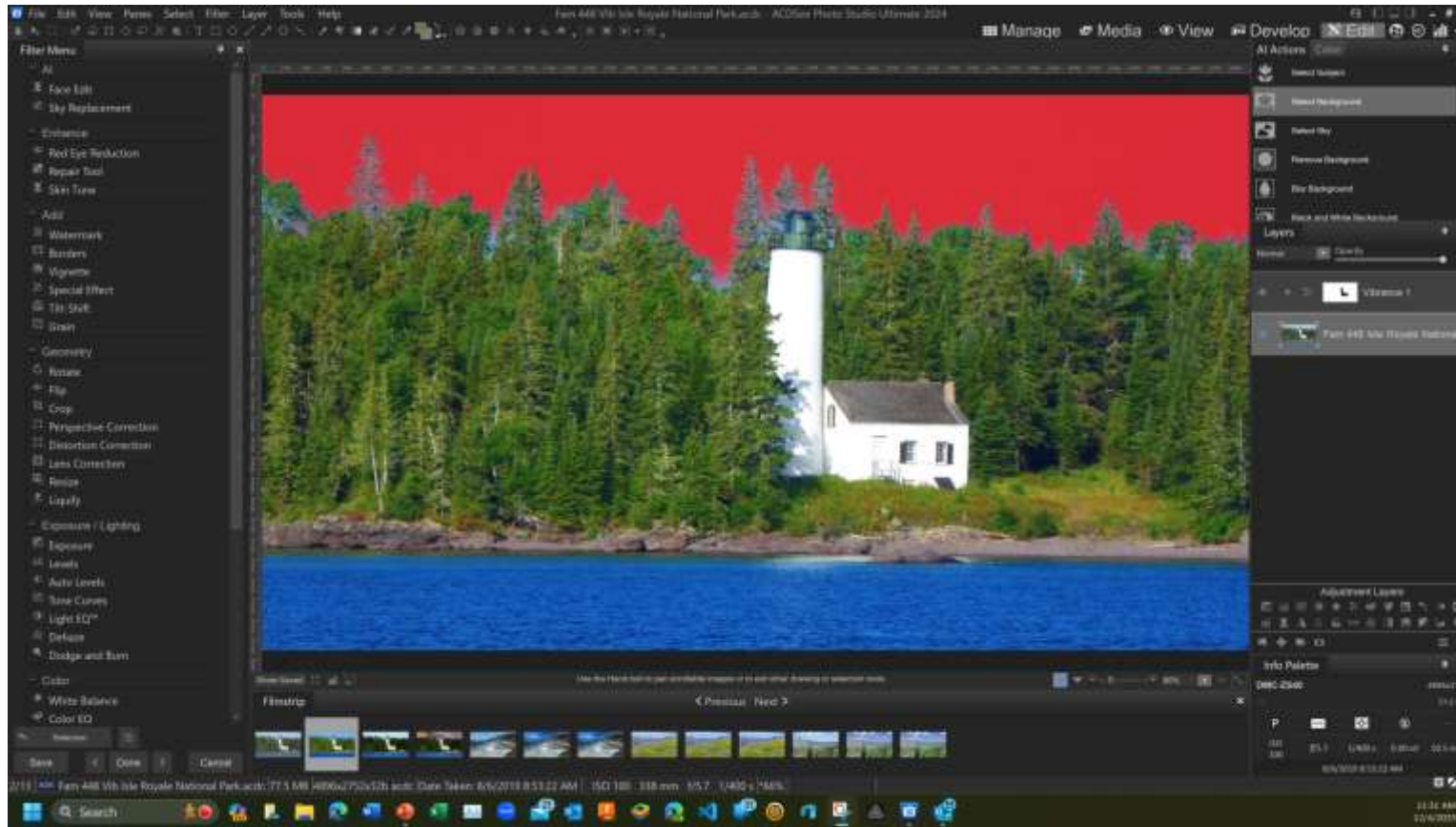
AI Photo Editing



- AI selected foreground.
- Enhanced trees and water.



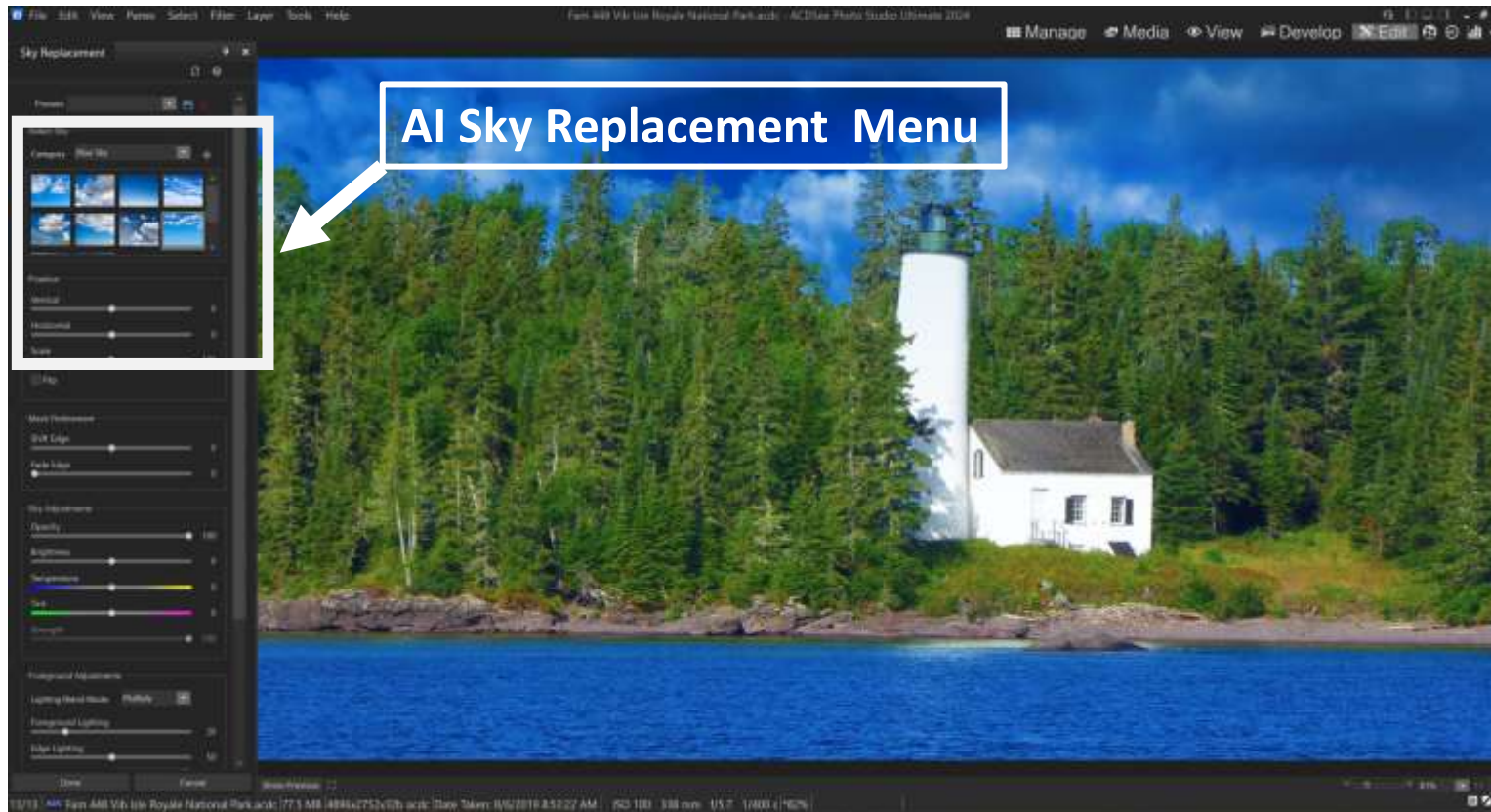
AI Photo Editing



- AI selected sky that is replaced in following slide.



AI Photo Editing



- AI Sky replacement menu provides several selection options.



AI Photo Editing



- Final photo with sky replaced and foreground enhanced.



AI Photo Editing



AI detects faces that can then be edited as shown on next slide.



AI Photo Editing



Face wrinkles are smoothed by face edit.